

OneSource Specialty Pharma Limited

(Formerly Stelis Biopharma Limited)

Ref.No.: OOSPLEHS/MOEF/2024/07/08

Date: 05/07/2024

To

The APCCF,
Regional office, Ministry of Environment & Forests (SZ)
Kendriya Sadan, IV Floor, E & F wings,
17th Main Road, Koramangala II Block,
Bangalore- 560 034.

Sub: Submission of Environmental Clearance Compliance Report for Jun 2024 (for the period from October 2023 to March 2024) by M/s. OneSource Specialty Pharma Limited. (Formerly Stelis Biopharma Limited) Doddaballapura.

Ref: Environmental Clearance obtained from SEIAA, Karnataka. File No. SEIAA 51IND 2021 Dated: 07.03.2022.

Dear Sir/Ma'am,

With reference to the above cited subject and reference, we are submitting the Six Monthly Environmental Clearance Compliance Report for Jun 2024 (for the period from October 2023 to March 2024) for M/s. OneSource Specialty Pharma Limited, located at Obadenahalli Village, Doddaballapura 3rd phase Industrial Area, Doddaballapur Taluk, Bengaluru Rural District, Karnataka.

Thanking You.

Yours sincerely,

M/s. OneSource Specialty Pharma Limited.

(Formerly Stelis Biopharma Limited)

Authorized Signatory


Enclosure:

1. Point wise Compliance Report along with annexures.

Copy to:

The Regional Environmental Officer,
Karnataka State Pollution Control Board,
Regional Office Doddaballapura,
III Phase, Peenya Industrial Area

Registered Office: Star 1, Opp IIM Bangalore, Bilekahalli,
Bannerghatta Road, Bangalore - 560075, India

Tel: +91 80 6754 0000

E: CS@OneSource.com | W: www.stelis.com

CIN: U/4140KA2007PLC043095

SIX MONTHLY ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

For the period October-2023 to March-2024

For

M/s. OneSource Specialty Pharma Limited

(Formerly stelis Biopharma Limited)

At

**Sy. No. 14/2,14/3,14/4,15/1, 15/2,15/3,15/4,15/5,16,17/1,17/2,17/3,17/4 & 17/5 of Plot
No-2D-1, and Sy.No. 5, 15/4, 15/3 & 16 of Plot No. 2E-2 of Obadenahalli Village,
Doddaballapura 3rd phase Industrial Area, Doddaballapur Taluk,
Bengaluru Rural District, Karnataka**

EC OBTAINED Vide File No SEIAA 51 IND 2021 dated: 07.03.2022

JUL-2024



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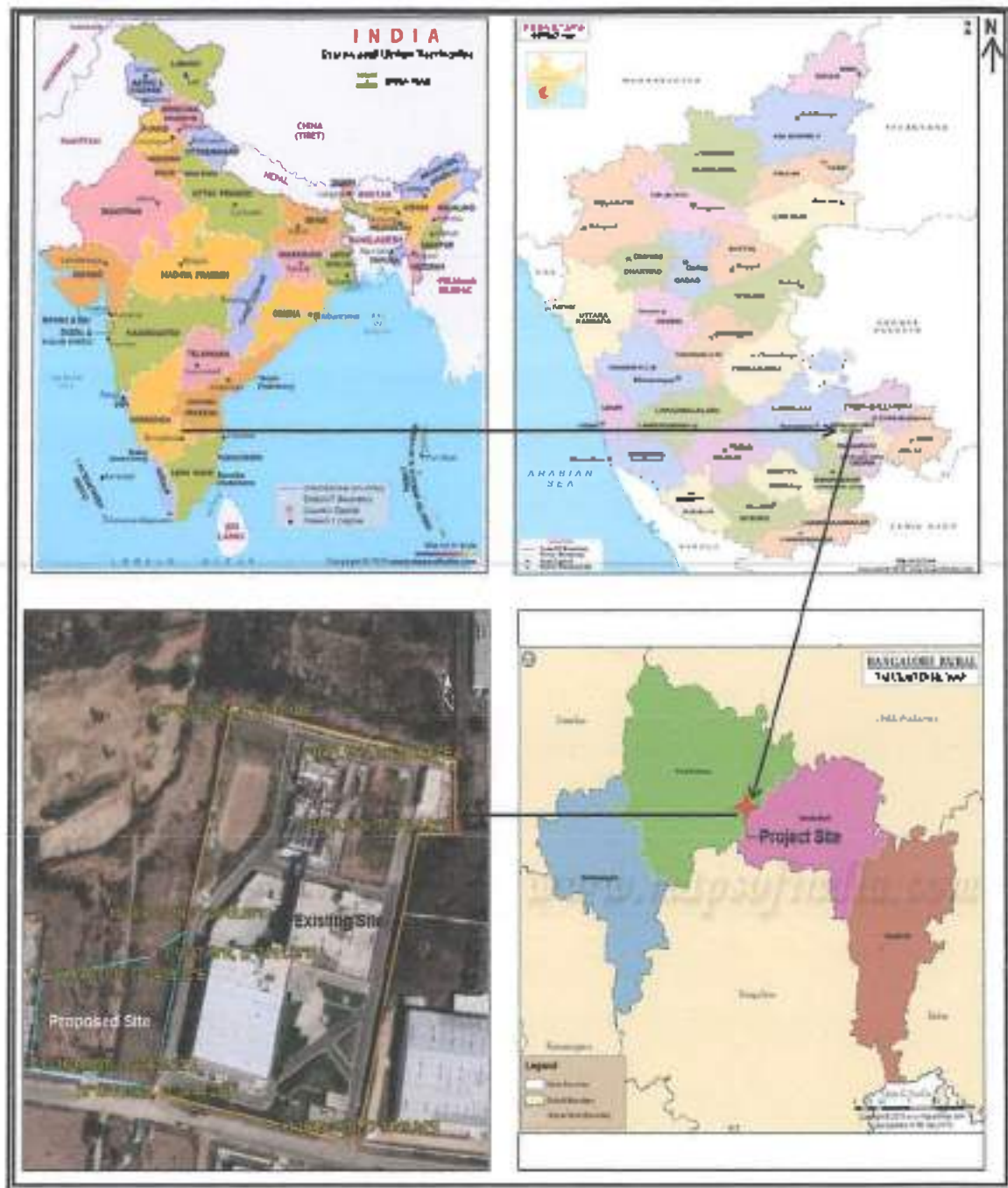


1.0 PROJECT DETAILS

Name of the Project	M/s. OneSource Specialty Pharma Limited. (Formerly Stelis Biopharma Limited)
S.F.No/Plot No.	Sy.No.14/2,14/3,14/4,15/1,15/2,15/3,15/4,15/5,16,17/1,17/2,17/3,17/4 &17/5of Plot No-2D-1, and Sy.No. 5, 15/4,15/3 & 16 of Plot No. 2E-2
Location	Doddaballapura 3 rd phase Industrial Area Tehsil:Doddaballapur Taluk District: Bengaluru Rural district Karnataka.
Environmental Clearance No.	SEIAA 51IND 2021Dated: 07.03.2022 EC copy enclosed as
Total Plot Area	47,757.33 m ² (11.8 Acres)
Green belt area	15,776.95 m ² (i.e 33.04% out of the total area of the project site)
Project Description	Expansion of Integral Bulk Drug Biopharmaceutical facility to manufacture the Biologicals- Monoclonal Antibodies & Therapeutic Proteins.
Power Requirement	From BESCOM: 5750KVA Power Backup (DG sets): 2 No's X2010 KVA and 3 No X 1010 KVA
Water Requirement	Total Water Requirement - 413 KLD Waste water generation- 170 KLD (out of which 20 KLD domestic sewage treated in STP of capacity 20 KLD) Industrial Effluent treated in 170 KLD capacity of ETP plant followed by RO and MEE capacity of 25 KLD. Source of Water: Met for private water tanker & KIADB
Total Project Cost	Rs. 170 Crores



2.0 LOCATION MAP



3.0 SITE PHOTOGRAPHS



**4.0 COMPLIANCE OF CONDITIONS IMPOSED IN
ENVIRONMENTAL CLEARANCE FOR M/S. ONESOURCE
SPECIALTY PHARMA LIMITED**

SEIAA 61 IND 2021 Dated: 07.03.2022

I. STATUTORY COMPLIANCE:

S.No	Conditions	Status of compliance
i.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Condition Noted. Not applicable, since no notified Forest Area/ Wildlife/ ESZ/ Sanctuaries/ National Parks present within 15km radial distance from the project boundary
ii.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not Applicable. Not applicable, since no notified Forest Area/ Wildlife/ ESZ/ Sanctuaries/ National Parks present within 15km radial distance from the project boundary.
iii.	The project shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (In case of the presence of schedule-1 species in the study area)	Not applicable. There are no schedule – 1 species in the study area
iv.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	Noted, Existing running facility is having CFE and CFO. We are in process of submitting the CFE for proposed expansion.



S.No	Conditions	Status of compliance
v.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Condition noted.
vi.	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	Condition noted.

II. AIR QUALITY MONITORING AND PRESERVATION:

S. No	Conditions	Status of compliance
i.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	We are having biotech manufacturing facility no process fugitive emissions are released from the process. hence not applicable. Condition noted.
ii.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	Condition noted.
iii.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/ criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO ₂ and NO _x in reference to SO ₂ and NO _x emissions) within and outside the plant area at an angle of 120° each).	Condition Noted and complied. Ambient air quality is being monitored by third-party as approved by NABL accredited laboratories. AAQ analysis report is attached as Annexure-1



S. No	Conditions	Status of compliance
	covering upwind and downwind directions.	
iv.	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/ or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/ SPCB guidelines.	Condition noted. We are not having coal fired boiler. Adequate stack height has been provided as per CPCB/SPCB guidelines.
v.	Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Condition noted. We are storing all the raw materials in covered area.
vi.	National Emissions Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608 (E) dated 21st July, 2010 and amended from time to time shall be followed.	Condition noted.
vii.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November, 2009 shall be complied with.	Condition Noted.

III. WATER QUALITY MONITORING AND PRESERVATION:

S. No	Conditions	Status of compliance
i.	The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/ drain carrying effluent within the premises (applicable in case of the projects achieving ZLD).	Condition noted. ZLD system has been implemented and online continuous monitoring system of effluent with web cam also installed. The photograph of ZLD system and online continuous monitoring system is attached as Annexure-9.
ii.	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/ treated water shall be discharged outside	Condition Noted and complied We have installed the ZLD facility, no waste water is discharge outside the



S. No	Conditions	Status of compliance
	the premises (applicable in case of the projects achieving ZLD).	premises. Photographs of ZLD system is enclosed as Annexure-9.
iii.	The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/ Water Act, whichever is more stringent.	We are installed and operating ZLD facility. And complied the norms of CPCB.
iv.	Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/ CGWA in this regard.	Condition accepted and noted. We will ensures that the fresh water requirement will not exceed as per the EC issued We do not have borewell at present, recently we got permission to drill the borewell. Finid borewell drilling permission is attached as Annexure -5.
v.	Process effluent/ any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	Noted and complied. We are having separate storm water drain line, and it will not mix with effluent.
vi.	The company shall harvest rainwater from the rooftops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.	Condition Noted and Complied. Roof top rainwater collection System is available, the same are used for different purpose, we also having storm water re-charging pit. Photographs are enclosed as Annexure -10.
vii.	The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.	Condition noted and complied. The DG sets stacks are installed as per legal requirements. Photographs of DG stack are enclosed as Annexure - 7.



IV. NOISE MONITORING AND PREVENTION:

S. No	Conditions	Status of compliance
i.	Acoustic enclosures shall be provided to DG set for controlling the noise pollution.	Condition noted and complied. Installed acoustic enclosure. Photographs of DG with acoustic enclosure as Annexure - 7.
ii.	The overall noise levels in and around the plant area shall be kept well within standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.	Condition noted and complied. Noise levels are well within the limits. The noise monitoring report is attached as Annexure - 3.
iii.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Condition Noted and complied.

V. ENERGY CONSERVATION MEASURES:

S. No	Conditions	Status of compliance
i.	The energy sources for lighting purposes shall preferably be LED based.	Condition noted and complied. The LED lights photograph from site is attached as Annexure - 8.

VI. WASTE MANAGEMENT:

S. No	Conditions	Status of compliance
i.	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	Condition noted and complied. The flame arrestor's photograph is attached as Annexure - 18.
ii.	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.	Condition noted and complied.
iii.	The company shall undertake waste minimization	Condition noted and complied.



S. No	Conditions	Status of compliance
	<p>measures as below:</p> <p>a. Metering and control of quantities of active ingredients to minimize waste.</p> <p>b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.</p> <p>c. Use of automated filling to minimize spillage.</p> <p>d. Use of Close Feed system into batch reactors.</p> <p>e. Venting equipment through vapor recovery system.</p> <p>f. Use of high pressure hoses for equipment cleaning to reduce waste water generation.</p>	Waste minimization measures are taken.

VII. GREEN BELT:

S. No	Conditions	Status of compliance
i.	The greenbelt of 5-10m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.	<p>33% area been allotted to green belt, Green belt Photograph is attached as Annexure - 6.</p> <p>Selection of plant species done as per the CPCB guidelines in consultation with the State Forest Department.</p>

VIII. SAFETY, PUBLIC HEARING AND HUMAN HEALTH ISSUES:

S. No	Conditions	Status of compliance
i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment and Disaster Management Plan shall be implemented.	Condition noted and complied.
ii.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.	<p>Condition noted and complied.</p> <p>Photographs of firefighting facilities are enclosed as Annexure-11.</p>
iii.	The PP shall provide Personal Protection	Noted the content.



S. No	Conditions	Status of compliance
	Equipment (PPE) as per the norms of Factory Act.	All the required PPEs are being provided to all employees & visitors.
iv.	Training shall be imparted to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Noted the content. Proper trainings are provided to all employees on safety & health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees are being undertaken on regular basis.
v.	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, drinking water, medical health care, Crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Noted the content.
vi.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Noted the content.
vii.	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.	Noted the content. Adequate space provided for parking of vehicles within the plant premises. Photographs of parking area are enclosed as Annexure - 21 .

IX. CORPORATE ENVIRONMENT RESPONSIBILITY

S. No	Conditions	Status of compliance
i.	The Project Proponent shall comply with provision contained in OM vide F.No. 22- 65/2017-IA.III Dated 20th October 2020, of the Ministry of Environment, Forest and Climate Change as applicable, regarding Corporate Environment Responsibility and shall execute the action plan of providing drinking water supply to nearby villages, Infrastructure development to local Government	Condition noted. Our group CSR foundation name is Strides foundation, under the strides foundation we have conducted CER activities. CER Activity detail is enclosed as Annexure -12 .



S.No	Conditions	Status of compliance
	hospitals, School infrastructure development and Lake development, etc., as submitted vide letter dated 26/11/2021.	
ii.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or shareholders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF& CC as a part of six monthly reports.	Condition noted and complied. Copy of Environmental Health and Safety Policy is attached as Annexure -16 .
iii.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior executive, who will report directly to the head of the organization.	Condition noted and complied. The flow chart is enclosed as Annexure - 13 .
iv.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account for environmental protection measures and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/ Regional Office along with Six Monthly compliance Report.	Condition noted and complied.
v.	Self-environmental audit shall be conducted annually. Every three years third party	Condition noted and complied. Internal environmental audits are carried



S. No	Conditions	Status of compliance
	environmental audit shall be carried out.	out, and third-party audit on Environmental management system is also being carried out.

X. MISCELLANEOUS:

S. No	Conditions	Status of compliance
i.	Effort shall be made to replace Hexane, Toluene and Bromine by alternatives as per the SEAC condition.	Condition noted.
ii.	The project proponent shall make public the environmental clearance granted for their project along with the environmental clearance granted for their project along with the environmental clearance conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponents website permanently.	Condition noted and complied. Screenshot of EC copy displayed in the company website is attached as Annexure- 21.
iii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Condition noted.
iv.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Condition Noted.
v.	The project proponent shall monitor the criteria pollutants level namely; PM10, SO ₂ , NO _x (ambient levels as well as stack emission) or critical sectoral	Condition noted. The display board photograph is attached as Annexure – 21.



S. No	Conditions	Status of compliance
	parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	
vi.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environmental clearance portal.	Condition noted.
vii.	The HYCRs with its contents of a covering letter, compliance reports, and environmental monitoring data has to be in PDF format merged in to a single document. The email should clearly mention the name of project, EC No & date, period of submission and to be sent to the Regional Office of MOEF & CC by email only at email ID ros2.bng-mefcc@gov.in Hardcopy of HYCRs shall not be acceptable.	Condition noted and complied.
viii.	The project proponent shall submit the environmental statement for each financial year in Form – V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Condition noted and complied. The environmental statement for each financial year in Form V will be submitted. The Form V acknowledgement copy is attached as Annexure – 15.
ix.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Condition noted.
x.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Condition Noted We will strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
xi.	The project proponent shall be abide by all the	Condition Noted



S. No	Conditions	Status of compliance
	commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	
xii.	No further expansion or modifications in the plant shall be carried out without prior approval of this Authority or the Ministry of Environment, Forests and Climate Change (MoEF & CC).	Condition noted. No further expansion or modifications in the plant will be carried out without prior approval of this Authority or the Ministry of Environment, Forests and Climate Change (MoEF & CC).
xiii.	Concealing factual data or submission of false/ fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Condition noted.
xiv.	The SEIAA may revoke or suspend the clearance, if the implementation of any of the above conditions is not satisfactory.	Condition noted.
xv.	The SEIAA reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Condition noted.
xvi.	The Regional Office of MoEF & CC shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/ monitoring reports.	Condition noted. The project authority will give full cooperation to the officer (s) of the Regional Office.
xvii.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1981 the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the	Condition noted. The unit ensures that, all the conditions provided will be enforced.



S. No	Conditions	Status of compliance
	Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.	
xvii.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred within a period of 30 days as prescribed under Section 16 of the national Green Tribunal Act, 2010.	Condition noted.



5.0 ENVIRONMENTAL MONITORING DETAILS

It is mandatory to submit six-monthly compliance report to MoEF Regional Office by the proponent. For the purpose of submitting six monthly compliance report, environmental monitoring was carried out at site by M/s. Hubert Enviro Care Systems Pvt.Ltd.

5.1 Ambient air quality monitoring

The ambient air quality parameters such as Particulate matter $<10\mu$ (PM10), Particulate matter $<2.5\mu$ (PM 2.5), Sulphur dioxide, Oxides of Nitrogen (NO_x) and Carbon monoxide were monitored. The test report of ambient air quality recorded and it is enclosed in Annexure -3.

5.2 Ambient Noise level monitoring

Noise level is being monitored and the test report of ambient noise recorded and It is enclosed in Annexure -3.

5.3 Effluent quality monitoring

Effluent quality is being monitored and sample collected from inlet and outlet of existing ETP. The effluent samples were collected and analyzed and It is enclosed in Annexure -3.

5.4 Stack Emission monitoring

The existing Boiler and DG stack emission quality parameters such as Particulate matter, Sulphur dioxide, Oxides of Nitrogen (NO_x), Acid mist and Flue gas temperature were monitored. The test report of stack emission quality recorded and it is enclosed in Annexure -3.

5.5 Sewage quality

Sewage outlet quality was monitored and the results are enclosed as Annexure -3.



6.0 CONCLUSION

1. The environmental monitoring was carried out at site for the EC obtained vide F. No. SELAA 51 IND 2021.
2. All the conditions stipulated in Environmental clearance is being implemented.

For M/s. OneSource Specialty Pharma Limited.

(Formerly Stella Biopharma Limited)



Authorized Signatory

Annexure 1



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Karnataka)

To,

The AVP
M/S STELIS BIOPHARMA (P) LTD
Stelis Biopharma Private Limited, Obadenahalli Village, Doddaballapur
Mandal Bangalore Rural -561205

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/KA/IND2/225232/2021 dated 17 Aug 2021. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC22B058KA199611 |
| 2. File No. | SEIAA 51 IND 2021 |
| 3. Project Type | Expansion |
| 4. Category | B2 |
| 5. Project/Activity including Schedule No. | 5(f)-API |
| 6. Name of Project | Proposed Expansion of Integral Bulk Drug Biopharmaceutical facility to manufacture the Biologicals- Monoclonal Antibodies & Therapeutic Proteins |
| 7. Name of Company/Organization | M/S STELIS BIOPHARMA (P) LTD |
| 8. Location of Project | Karnataka |
| 9. TOR Date | N/A |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 07/03/2022

(e-signed)
Sri Vijay Mohan Raj V.,IFS
Member Secretary
SEIAA - (Karnataka)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India, under section 3(3) of E(P) Act, 1986)

No. SEIAA 51 IND 2021

To,

M/s Stelis Biopharma Limited,
Plot No-2D-1, Obadenahalli Village,
Doddaballpura 3rd phase Industrial area,
Doddaballapur Taluk,
Bengaluru Rural District - 561203

Sir,

Sub: Expansion of Integral Bulk Drug Biopharmaceutical facility to manufacture the Biologicals- Monoclonal Antibodies & Therapeutic Proteins Project at Sy. No. 14/2,14/3,14/4,15/1, 15/2, 15/3, 15/4,15/5,16,17/1,17/2,17/3,17/4 & 17/5 of Plot No-2D-1, and Sy.No. 5, 15/4, 15/3 & 16 of Plot No. 2E-2 of Obadenahalli Village, Doddaballpura 3rd phase Industrial area, Doddaballapur Taluk, Bengaluru Rural District, Karnataka by M/s Stelis Biopharma Limited, - issue of Environmental Clearance Reg.

1. This has reference to your online application dated 17th August 2021 bearing proposal No. SIA/KA/IND2/225232/2021 addressed to SEIAA, Karnataka on the subject mentioned above. The proposal has been appraised as per procedure prescribed in the provisions under the EIA notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the application in Form-1, Pre-feasibility report, and the additional clarification furnished in response to the observations of the SEAC, Karnataka.

2. It is a proposal seeking Environmental Clearance for Expansion of Integral Bulk Drug Biopharmaceutical facility to manufacture the Biologicals- Monoclonal Antibodies & Therapeutic Proteins Project at Sy. No. 14/2,14/3,14/4,15/1, 15/2, 15/3, 15/4,15/5,16,17/1,17/2,17/3,17/4 & 17/5 of Plot No-2D-1, and Sy. No. 5, 15/4, 15/3 & 16 of Plot No. 2E-2 of Obadenahalli Village, Doddaballpura 3rd phase Industrial area, Doddaballapur Taluk, Bengaluru Rural District, Karnataka by M/s Stelis Biopharma Limited. This is a project covered under SI.No.5(f) of the Schedule Under of EIA Notification 2006 and amendments made there on.

3. It is inter-alia noted that the M/s Stelis Biopharma Limited had obtained Environmental Clearance vide letter No. SEIAA 03 IND 2019 dated 22.08.2019 for Upgradation/ Modernization of existing formulation facility to Integral Bulk Drug Biopharmaceutical facility

to manufacture the Biologicals - Monoclonal Antibodies & Therapeutic Proteins project with the total capacity of production of the project was 1910 kg/annum of API and 153 lakh units/month of formulations.

4. It is inter-alia noted that M/s Stelis Biopharma Limited have proposed Expansion of Integral Bulk Drug Biopharmaceutical facility to manufacture the Biologicals- Monoclonal Antibodies & Therapeutic Proteins Project. The total plot area is 47,757.33 Sq.m (11.8 Acres) (Existing land area is 40,473 Sq.m - 10 Acres + Proposed area is 7,284.33 Sq.m - 1.8 Acres). Industry developed greenbelt in an area of 15,776.96 Sq.m i.e. 33.04% out of total area of the project site. The estimated project cost is Rs. 170.00 Crores. The details of proposed products to be manufactured with capacities are given in ANNEXURE -1

The total water requirement for the proposed project is 413 KLD (including recycled water - 186 KLD), and it will be met from the KIADB water supply/in-house bore well/Private water tanker, the waste water generation will be 170 KLD (including domestic sewage - 20 KLD). The domestic sewage shall be treated in existing STP of 20 KLD Capacity. The Industrial effluents will be treated in existing ETP of capacity of 170 KLD and followed by RO and MEE Capacity of 25 KLD. Details of untreated effluent characteristics are given in ANNEXURE - 2. Power requirement is 5750 KVA and will be met from BESCOM.

It is proposed to install DG set of 2 No's X 1010 KVA with the existing 3 No's X 1010 KVA, the proposed DG set will be standby during the power failure. The industry unit shall have 1 No. X 5 TPH, 2 No's X 3 TPH (Existing) and 1 X 6 TPH capacity Boiler (Proposed). The details of hazardous waste is given in ANNEXURE -3.

5. The project proposal was considered by SEAC during the meeting held on 04.01.2022 as B2 category activity in accordance with the Notification S.O. 1223 (E) dated 27th March 2020, Notification S.O. 3636 (E) dated 15th October 2020 and Notification S.O. 2859 (E) dated 16th July 2021. Based on the information submitted by you, presentation made by you and your consultant, the State Level Expert Appraisal Committee (SEAC) apprised the proposal and has recommended for issue of Environmental Clearance.

6. The SEIAA Karnataka has considered the project in its meeting held on 5th February 2022 and after due consideration of the relevant documents submitted by you and additional clarifications furnished in response to its observations and the appraisal and recommendation of the SEAC, decided to accord Environmental Clearance in accordance with the provisions of Environmental Impact Assessment Notification-2006 and its subsequent amendments, subject to strict compliance of the following terms and conditions:

I. Statutory compliance

1. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.

- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (Incase of the presence of schedule-I species in the study area)
- iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
- v. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- vi. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.
- iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- v. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- vi. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
- vii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with

III. Water quality monitoring and preservation

- i. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD)
- ii. As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
- iii. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
- iv. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
- v. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
- vi. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
- vii. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.

IV. Noise monitoring and prevention

- i. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- ii. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
- iii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

V. Energy Conservation measures

- i. The energy sources for lighting purposes shall preferably be LED based.

VI. Waste management

- i. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- ii. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.
- iii. The company shall undertake waste minimization measures as below: -
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.

- c. Use of automated filling to minimize spillage.
- d. Use of Close Feed system into batch reactors.
- e. Venting equipment through vapour recovery system.
- f. Use of high pressure hoses for equipment clearing to reduce wastewater generation

VII. Green Belt

- i. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.

VIII. Safety, Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented
- ii. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.
- iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- v. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- vii. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places

IX. Corporate Environment Responsibility

- i. The Project Proponent shall comply with provision contained in OM vide E.No. 22-65/2017-IA.III Dated 20th October 2020, of the Ministry of Environment, Forest and Climate Change as applicable, regarding Corporate Environment Responsibility and shall execute the action plan of providing drinking water supply to nearby villages, Infrastructure development to local Government hospitals, School infrastructure development and Lake development, etc., as submitted vide letter dated 26/11/2021.
- ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements /

deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholder's / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.

- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

X. Miscellaneous

- i. Effort shall be made to replace Hexane, Toluene and Bromine by alternatives as per the SEAC condition.
- ii. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- iii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iv. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- v. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- vi. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vii. "The HYCRs with its contents of a covering letter, compliance reports, and environmental monitoring data has to be in PDF format merged into a single document. The email should clearly mention the name of project, EC No & date, period of submission and to be sent to the Regional Office of MOEF&CC by email only at email ID rosz.bng-mefcc@gov.in Hard copy of HYCRs shall not be acceptable".
- viii. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- ix. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities,

commencing the land development work and start of production operation by the project.

- x. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xi. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xii. No further expansion or modifications in the plant shall be carried out without prior approval of this Authority or the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xiii. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xiv. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xv. The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xvi. The Regional Office of MoEF&CC shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xvii. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xviii. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Yours faithfully,

(Vijay Mohan Raj V)
Member Secretary,
SEIAA, Karnataka.

07/03/22

Copy to:

- 1) The Secretary, Ministry of Environment, Forests and Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi- 110 003.
- 2) The Member Secretary, Karnataka State Pollution Control Board, Bangalore.
- 3) The APCCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IV Floor, E & F wings, 17th Main Road, Koramangala II Block, Bangalore – 560 034.
- 4) Guard File

Annexure 2



Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church Street, Bengaluru-560001

Tele : 080-25589112/3,
25581383

Fax: 080-25586321

Email id: ho@kspcb.gov.in

Consent For Operation(CFO-Air,Water)

As per the provisions of
The Water (Prevention & Control of Pollution) Act, 1974
&
The Air (Prevention & Control of Pollution) Act, 1981

To

**Stelis Biopharma Limited, Obadenahalli, DBpura 3rd phase indl area, DB
pura taluk,**

for the Facility located at,
**Stelis Biopharma Limited, 2-D1, Obadenahalli, DBpura 3rd phase indl area, DB
pura taluk,
Bangalore Rural**

Consent Order No	PCBID	INW ID	Industry Colour/Scale	Date of Issue
AW-335536	26356	168323	RED/LARGE	16/01/2023

**This Consent is granted for the Products/ Activity/Service name indicated
in the annexure along with the terms & conditions attached to this order**

Validity through: 01/07/2022 to 30/06/2027

Combined Consent Order No. AW-335536

PCB ID:

26356

Date: 16/01/2023

Combined consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act , 1974 and emission under the Air (Prevention and Control of Pollution) Act , 1981

Ref: 1. Application filed by the applicant/organization on 12/09/2022

2. Inspection of the Industry/organization/by RO, on 12/09/2022

3. Proceedings of the ECM dated 09/12/2022 , held on 30/11/2022

Consent is hereby granted to the Occupier under Section 25(4) of the Water (Prevention & Control of Pollution) Act, 1974 (herein referred to as the Water Act) & Section 21 of Air (Prevention & Control of Pollution) Act, 1981, (herein referred to as the Air Act) and the Rules and Orders made there under and authorized the Occupier to operate /carryout industry/activity & to make discharge of the effluents & emissions conforming to the stipulated standards from the premises mentioned below and subject to the terms and conditions as detailed in the Schedule Annexed to this order.

Location:

Name of the Industry: Stelis Biopharma Limited

Address: 2-D1, Obadenahalli, DBpura 3rd phase indl area, DB pura taluk,

Industrial Area: Doddaballapur I.A, Obadenahalli,

Taluk: Dod Ballapur, District: Bangalore Rural

CONDITIONS:**a) Discharge of effluents under the Water Act:**

Sr	Water Code	WC(KLD)	WWG(KLD)	Remark
1	Boiler Feed	105.000	10.500	Refer Additional conditions in Annexure-1 attached with this CFO
2	Cooling Water	20.000	13.000	Refer Additional conditions in Annexure-1 attached with this CFO
3	Domestic Purpose	17.000	15.000	Refer Additional conditions in Annexure-1 attached with this CFO
4	Manufacturing Processes	125.000	115.000	Refer Additional conditions in Annexure-1 attached with this CFO
5	Others	164.000	19.000	Refer Additional conditions in Annexure-1 attached with this CFO

b) Discharge of Air emissions under the Air Act from the following stacks etc.

Sl. No.	Description of chimney/outlet	Limits specified refer schedule
The details of Sources, control equipments and its specification, type of fuel, constituents to be controlled in emissions etc. are detailed in Annexure-II.		

The consent for operation is granted considering the following activities/Products;

Sr	Product Name	Applied Qty	Unit
1	abatacept	2.0000	Kilograms/Annum
2	abciximab	2.0000	Kilograms/Annum
3	adalimumab	50.0000	Kilograms/Annum
4	aflibercept	50.0000	Kilograms/Annum
5	agalsidase beta	2.0000	Kilograms/Annum
6	albiglutide	5.0000	Kilograms/Annum

7	aldesleukin	2.0000	Kilograms/Annum
8	alemtuzumab	2.0000	Kilograms/Annum
9	alglucosidase alfa	2.0000	Kilograms/Annum
10	alirocumab	2.0000	Kilograms/Annum
11	alteplase, cathfloactivase	2.0000	Kilograms/Annum
12	anakinra	2.0000	Kilograms/Annum
13	asfotase alfa	2.0000	Kilograms/Annum
14	asparaginase	2.0000	Kilograms/Annum
15	atezolizumab	2.0000	Kilograms/Annum
16	avelumab	2.0000	Kilograms/Annum
17	basiliximab	2.0000	Kilograms/Annum
18	becaplermin	2.0000	Kilograms/Annum
19	belatacept	2.0000	Kilograms/Annum
20	belimumab	2.0000	Kilograms/Annum
21	benralizumab	2.0000	Kilograms/Annum
22	bevacizumab	100.0000	Kilograms/Annum
23	bezlotoxumab	2.0000	Kilograms/Annum
24	blinatumomab	2.0000	Kilograms/Annum
25	brentuximab vedotin	2.0000	Kilograms/Annum
26	brodalumab	2.0000	Kilograms/Annum
27	canakinumab	2.0000	Kilograms/Annum
28	cartridges	3600000.0000	Number
29	cerliponase alfa	2.0000	Kilograms/Annum
30	certolizumab pegol	2.0000	Kilograms/Annum
31	cetuximab	2.0000	Kilograms/Annum
32	collagenase	20.0000	Kilograms/Annum
33	daclizumab	2.0000	Kilograms/Annum
34	daratumumab	2.0000	Kilograms/Annum
35	darbepoetin alfa	2.0000	Kilograms/Annum
36	denosumab	20.0000	Kilograms/Annum
37	dinutuximab	2.0000	Kilograms/Annum
38	dornase alfa	2.0000	Kilograms/Annum
39	dulaglutide	10.0000	Kilograms/Annum
40	dulaglutide.	2.0000	Kilograms/Annum
41	dupilumab	2.0000	Kilograms/Annum
42	durvalumab	2.0000	Kilograms/Annum
43	ecallantide	2.0000	Kilograms/Annum
44	eculizumab	10.0000	Kilograms/Annum
45	elosulfase alfa	2.0000	Kilograms/Annum
46	elotuzumab	2.0000	Kilograms/Annum
47	emicizumab	2.0000	Kilograms/Annum
48	epoetin alfa	2.0000	Kilograms/Annum
49	etanercept	10.0000	Kilograms/Annum
50	evolocumab	2.0000	Kilograms/Annum
51	exenatide	5.0000	Kilograms/Annum
52	filgrastim	50.0000	Kilograms/Annum
53	folitropin	2.0000	Kilograms/Annum
54	galsulfase	2.0000	Kilograms/Annum
55	gemtuzumab ozogamicin	2.0000	Kilograms/Annum
56	glucarpidase	2.0000	Kilograms/Annum
57	golimumab	2.0000	Kilograms/Annum
58	guselkumab	2.0000	Kilograms/Annum
59	hyaluronic acid	50.0000	Kilograms/Annum
60	ibritumomab tiuxetan	2.0000	Kilograms/Annum
61	idarucizumab	2.0000	Kilograms/Annum
62	idursulfase	2.0000	Kilograms/Annum
63	infliximab	10.0000	Kilograms/Annum
64	inotuzumab ozogamicin	4.0000	Kilograms/Annum
65	insulin aspart	200.0000	Kilograms/Annum
66	insulin degludec	50.0000	Kilograms/Annum
67	insulin detemir	50.0000	Kilograms/Annum
68	insulin glargine	350.0000	Kilograms/Annum
69	insulin glulisine	50.0000	Kilograms/Annum
70	insulin lispro	250.0000	Kilograms/Annum
71	interferon alfa-2b	10.0000	Kilograms/Annum
72	interferon alfa-n3	5.0000	Kilograms/Annum
73	interferon beta-1a	10.0000	Kilograms/Annum
74	interferon beta-1b	5.0000	Kilograms/Annum
75	interferon gamma-1b	5.0000	Kilograms/Annum
76	ipilimumab	2.0000	Kilograms/Annum
77	itolizumab	2.0000	Kilograms/Annum
78	ixekizumab	2.0000	Kilograms/Annum
79	laronidase	2.0000	Kilograms/Annum
80	liraglutide	5.0000	Kilograms/Annum

81	lixisenatide	5.0000	Kilograms/Annum
82	mepolizumab	2.0000	Kilograms/Annum
83	methoxy polyethylene glycol-	2.0000	Kilograms/Annum
84	metreleptin	2.0000	Kilograms/Annum
85	natalizumab	2.0000	Kilograms/Annum
86	necitumumab	2.0000	Kilograms/Annum
87	nimotuzumab	2.0000	Kilograms/Annum
88	nivolumab	2.0000	Kilograms/Annum
89	obiltoxaximab	2.0000	Kilograms/Annum
90	obinutuzumab	2.0000	Kilograms/Annum
91	ocrelizumab	2.0000	Kilograms/Annum
92	ocriplasmin	2.0000	Kilograms/Annum
93	ofatumumab	2.0000	Kilograms/Annum
94	olaratumab	10.0000	Kilograms/Annum
95	omalizumab	10.0000	Kilograms/Annum
96	oprelvekin	2.0000	Kilograms/Annum
97	palifermin	2.0000	Kilograms/Annum
98	palivizumab	10.0000	Kilograms/Annum
99	panitumumab	10.0000	Kilograms/Annum
100	parathyroid hormone	4.0000	Kilograms/Annum
101	pegaspargase	2.0000	Kilograms/Annum
102	pegfilgrastim	10.0000	Kilograms/Annum
103	peginterferon alfa-2a	10.0000	Kilograms/Annum
104	peginterferon alfa-2b	10.0000	Kilograms/Annum
105	peginterferon beta-1a	10.0000	Kilograms/Annum
106	pegloticase	2.0000	Kilograms/Annum
107	pembrolizumab	2.0000	Kilograms/Annum
108	pertuzumab	2.0000	Kilograms/Annum
109	pramlintide	10.0000	Kilograms/Annum
110	prefilled syringes	2700000.0000	Number
111	ramucirumab	5.0000	Kilograms/Annum
112	ranibizumab	10.0000	Kilograms/Annum
113	rasburicase	2.0000	Kilograms/Annum
114	raxibacumab	5.0000	Kilograms/Annum
115	reslizumab	2.0000	Kilograms/Annum
116	reteplase	2.0000	Kilograms/Annum
117	rh-insulin	100.0000	Kilograms/Annum
118	rilonacept	2.0000	Kilograms/Annum
119	rituximab	10.0000	Kilograms/Annum
120	romiplostim	2.0000	Kilograms/Annum
121	sargramostim	2.0000	Kilograms/Annum
122	sarilumab	5.0000	Kilograms/Annum
123	secukinumab	2.0000	Kilograms/Annum
124	semaglutide	2.0000	Kilograms/Annum
125	siltuximab	2.0000	Kilograms/Annum
126	somatropin	2.0000	Kilograms/Annum
127	somatropin.	2.0000	Kilograms/Annum
128	streptokinase	50.0000	Kilograms/Annum
129	tbo-filgrastim	10.0000	Kilograms/Annum
130	tenecteplase	2.0000	Kilograms/Annum
131	teriparatide	10.0000	Kilograms/Annum
132	tocilizumab	10.0000	Kilograms/Annum
133	trastuzumab	20.0000	Kilograms/Annum
134	trastuzumab emtansine	10.0000	Kilograms/Annum
135	ustekinumab	2.0000	Kilograms/Annum
136	vedolizumab	2.0000	Kilograms/Annum
137	vestronidase alfa	2.0000	Kilograms/Annum
138	vials & lyophilized vials	9000000.0000	Number
139	ziv-aflibercept	10.0000	Kilograms/Annum

Validity through : 01/07/2022 to 30/06/2027

To,

Stelis Biopharma Limited

2D1, Obadenahalli, Doddaballapura 3rd

Phase indl area

COPY TO:

The Environmental Officer, KSPCB, Regional Office Doddaballapura for information and necessary action.

2. Master Register.
3. Case file.

Consent Fee paid : Rs. 7000000

SCHEDULE

TERMS AND CONDITIONS

A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT.

1. The discharge from the premises of the occupier shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act/Rules made there under.
- 2(a). The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be as per IS 2470 Part-I & Part-II.
- 2(b). The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.
- 3(a). The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall confirm to the standards stipulated by the Board in Annexure-I
- 3(b). The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day.
4. The applicant shall install flow measuring/recording devices to record the discharge quantity and maintain the record.
5. The applicant shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board.
6. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.
7. The daily quantity of domestic effluent and trade effluent from the industry shall not exceed the limits as indicated in this consent order:
8. The applicant shall discharge the effluents only to the place mentioned in the Consent order and discharge of treated/untreated outside the premises is not permitted.

B. EMISSIONS:

1. The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in **Annexure-II** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under. The tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure-II.
2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

C. MONITORING & REPORTING:

1. The applicant shall get the samples of effluents & emissions collected and get them analyzed once a month/either by in house monitoring laboratory or through EP approved laboratories for the parameters as Indicated in Annexure I & II.
2. The applicant shall maintain log books to reflect the working condition of pollution control systems and also self monitoring results and keep it open for inspection.

D. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The applicant shall segregate solid waste from Hazardous Waste, Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to the surrounding Environment.
2. The solid waste generated shall be handled & disposed by scientific method without causing eye sore to the general public and to the surrounding environment.

E. NOISE POLLUTION CONTROL:

The applicant shall ensure that the ambient noise levels within its premises during construction and during operational period shall not exceed w.r.t Area/Zone as per Noise Pollution (Regulation and Control) Rules, 2000 as mentioned below:-

- a) In Industrial Area 75 dB(A) Leq during day time and 70 dB(A) Leq during night time.
- b) In Commercial Area 65 dB(A) Leq during day time and 55 dB(A) Leq during night time.
- c) In Residential Area 55 dB(A) Leq during day time and 45 dB(A) Leq during night time.
- d) In Silence Zone 50 dB(A) Leq during day time and 40 dB(A) Leq during night time.

Note: - * Day time shall mean 6 am to 10 pm and Night time shall mean 10 pm to 6 am.

- * dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- * A “decibel” is a unit in which noise is measured.
- * “A”, in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
- * Leq: It is an energy mean of the noise level over a specified period.

F. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) Rules 2016:

The applicant shall comply with the provisions of the Hazardous and other Wastes (Management & Transboundary Movement) Rules 2016.

G. GENERAL CONDITIONS:

- 1. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises.
- 2. The applicant shall promptly comply with all orders and instructions issued by the Board from time to time or any other officers of the Board duly authorized in this behalf.
- 3. The applicant shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.
- 4. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
- 5. The applicant shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.
- 6. The applicant shall provide alternate power supply sufficient to operate all Pollution control equipments.

7. The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow points should be made easily approachable.
8. The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
9. The applicant his heirs, legal representatives or assignee shall have no claims whatsoever to the continuation or renewal of this consent after expiry of the validity of consent.
10. The applicant shall make an application for consent for subsequent period at least 90 days before expiry of this consent.
11. The applicant shall develop and maintain adequate green belt all around the periphery.
12. The applicant shall provide rain water harvesting system and shall provide proper storm water management system.
13. This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court
14. The applicant shall furnish the Environmental statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986. The statement shall be furnished before the end of September.
15. The applicant shall display flow diagram of the pollution control system near the pollution control system/s

NOTE:

The Conditions A(2a & 3b) mentioned in the schedule are not applicable.

Additional Conditions:

1. The occupier shall comply with all the Additional Conditions and Standards stipulated in Annexures- 1, A & B attached with this consent order.
2. This consent order contains 22 pages including Additional Conditions and Annexures.
3. The products with quantities, water consumption, wastewater generation, mode of disposal with standards, air pollution sources with control
measures mentioned in Additional Conditions attached with this order shall be considered and to be complied by the industry.
4. The industry shall submit copy of the EC amendment issued by SEIAA on change of name of the industry.

Chimney No.	Chimney attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed, in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	Boiler	--	0	PM,SO2,NOx,C O, NMHC	0,0,0,0,0	F.O	N.A	At all times
2	D.G. Sets	---	0	PM,SO2,NOx,C O, NMHC	0,0,0,0,0	DIE	N.A	At all times
3	Any Other....	DS Block fermentation roo	9	PM,SO2,NOx,C O, NMHC	-, -, -, 35	Acid Mist	PRT,SCR	At all times
4	D.G. Sets	1010 KVA DG Set	30	PM,SO2,NOx,C O, NMHC	75,-,710,150,100	DIE	AEC,PRT	At all times
5	Any Other....	PE-DS Block fermentation	9	PM,SO2,NOx,C O, NMHC	-, -, -, 35	Acid Mist	PRT,SCR	At all times
6	D.G. Sets	-	0	PM,SO2,NOx,C O, NMHC	0,0,0,0,0	DIE	AEC	At all times
7	D.G. Sets	1010 KVA DG Set	30	PM,SO2,NOx,C O, NMHC	75,0,710,150,100	DIE	AEC,PRT	At all times
8	Boiler	Boiler of 3 TPH	30	PM,SO2,NOx,C O, NMHC	-,600,300,-,-	F.O	PRT	At all times
9	Boiler	Boiler of 3TPH	30	PM,SO2,NOx,C O, NMHC	-,600,300,-,-	F.O	PRT	At all times
10	Any Other....	Process ems-QC lab vents	9	PM,SO2,NOx,C O, NMHC	-, -, -, 35	Acid Mist	PRT,SCR	At all times
11	Boiler	Boiler of 5TPH	30	PM,SO2,NOx,C O, NMHC	-,600,300,-,-	F.O	PRT	At all times
12	D.G. Sets	1010 KVA DG Set	30	PM,SO2,NOx,C O, NMHC	75,0,710,150,100	DIE	AEC,PRT	At all times
13	Any Other....	QC instrumentation Secti	9	PM,SO2,NOx,C O, NMHC	-, -, -, 35	Acid Mist	PRT,SCR	At all times

Note:

N.A : Not Applicable

N.A : Not Applicable

PRT,SCR : Port Hole

AEC,PRT : Accoustic Enclosures

AEC : Accoustic Enclosures

PRT : Port Hole

Note:

1. The Noise levels within the premises shall not exceed 75 dB (A) leq during day time and 70 dB(A) leq during night time respectively.
2. The DG set shall be provided with acoustic measures as per Sl.No.94 in Schedule-I of Environment (Protection)Rules.
3. There shall be no smell or odour nuisance from the industry.

LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame for rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

2. The diameter of the sampling port should not be less than 100 mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
4. The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

For and on behalf of the
Karnataka State Pollution Control Board

Signature Not Verified

Digitally signed by
Date: 2023.01.16 11:10:39
+05:30

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TEST REPORT

Page 1 of 1

Name of the Client : M/s. Stella Biopharmas Ltd.,
Address of the Client : Plot Number 2-D4, Doddaballapur,
3rd Phase, Chaddurushalli, Doddaballapur - 561 203
Sample Description : Ambient Air Quality
Sampling Location : Near Main Gate
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/Received Date : 04/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023
Report No. : HEC/SL/AA/001/051023
Report Date : 13/10/2023
Instruments Name & SL No : Respirable Dust Sampler (RTS) & APM 460 -540-C-2023
Calibration Due date : 17/04/2024
Instruments Name & SL No : Fine Particulate Sampler (FPS) & APM 550MINI-1288-D-2023
Calibration Due date : 17/04/2024
IIR No. : TC5786230000174165
Completed On : 13/10/2023

S.No.	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009	
1	Sulphur Dioxide	µg/m³	11.75	CPU guidance lines Volume 1: 2012	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	µg/m³	27.89	IS 5182 (Part - 6) : 2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 µm	µg/m³	51.15	IS 5182 (Part - 2) : 2006	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 µm	µg/m³	26.91	IS 5182 (Part - 2) : 2009	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m³	RLQ (0.00030)	IS 5182 (Part - 10) : 1999	4 (1 hours)	2.3 (Annual)
6	Lead	µg/m³	RLQ (0.000005)	IS 5182 (Part - 22) : 2003	1 (1 hours)	0.5 (Annual)
7	Chlorine	µg/m³	12.61	IS 5182 (Part - 9) : 1974	180 (1 hours)	100 (8 hours)
8	Ambient	µg/m³	7.59	IS 5182 (Part - 25) : 2003	400 (24 hours)	300 (Annual)
9	Benzene	µg/m³	RLQ (0.000000)	IS 5182 (Part - 11) : 2003	5 (Ambient)	5 (Annual)
10	Benzene/Anthracene	µg/m³	RLQ (0.000000)	IS 5182 (Part - 12) : 2003	1 (Ambient)	1 (Annual)
11	Ar. v. s.	µg/m³	RLQ (0.000000)	HEC/SL/AA/SOP/016 : 2016	6 (Ambient)	5 (Annual)
12	Res. s.	µg/m³	RLQ (0.000000)	HEC/SL/AA/SOP/006 : 2016	20 (Ambient)	20 (Annual)

Notes: RLQ - Below the Limit of Quantification, 1.00 - Limit of Quantification, µg/m³ Micrograms per cubic meter, mg/m³ Milligrams per cubic meter, µg/m³ Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



Authorized Signatory
Dr. RAJKUNAR SAMUEL
Director Technical

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent by HEC's organization. 2. Samples are not drawn by HEC's units or otherwise mentioned. 3. Unless specifically requested by customer the test reports will not be retained more than 15 days from the date of issue of test report. 4. Under no circumstances shall we accept any liability or loss / damage caused by use or misuse of test report after involving or issue of test report. 5. The test results shall rely on the test reports. 6. HEC's will not be responsible for the information shared by e-mail or photo or samples test result.

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Steis Biopharma Ltd.,

Report No. : HECS/LAA/001/051023N

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Oldendalhalli, Doddaballapur-561 203

Report Date : 13/10/2023

Sample Description : Ambient Air Quality

Sampling Location : Near Main Gate

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,

Sampling/received Date : 04/10/2023 -05/10/2023

Analysis Commenced On : 05/10/2023

Completed On : 13/10/2023

S.No.	Parameters	Units	Results Obtained	Test Method
1	Suspense Particulate Matter	µg/m ³	73.46	IS 5982 Part - 4, 1997

Note- µg/m³ = Micrograms per cubic meter.

End of Report



Authorized Signatory

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obdennahalli, Doddaballapur-561 203
Sample Description : Ambient Air Quality
Sampling Location : Near DP Block
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/Received Date : 04/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023
Instruments Name & S.No : Respirable Dust Sampler (RDS) & APM 460-525-B-2023
Calibration Due date : 28/02/2024
Instruments Name & S.No : Fine Particulate Sampler (FPS) & APM 550MINI-1273-B-2023
Calibration Due date : 28/02/2024
Q/R No. : TC578623000017-1171

S.No.	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009	
1	Sulphur Dioxide	µg/m³	10.41	CPCB guideline Volume 1, 2012	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	µg/m³	2.50	IS 5182 (Part - 6) : 2006	60 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 µm	µg/m³	47.46	IS 5182 (Part - 23) : 2006	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 µm	µg/m³	36.93	IS 5182 (Part - 74) : 2006	50 (24 hours)	30 (Annual)
5	Carbon Monoxide	mg/m³	BELOW LOQ (0.05)	IS 5182 (Part - 10) : 1999	4 (1 hour)	2 (8 hours)
6	Lead	µg/m³	BELOW LOQ (0.05)	IS 5182 (Part - 22) : 2006	1 (24 hours)	0.5 (Annual)
7	Ozone	µg/m³	11.57	IS 5182 (Part - 9) : 1974	100 (1 hour)	100 (8 hours)
8	Ammonia	µg/m³	5.81	IS 5182 (Part - 15) : 2017	400 (24 hours)	100 (Annual)
9	Benzene	µg/m³	BELOW LOQ (0.1)	IS 5182 (Part - 13) : 2006	5 (Annual)	5 (Annual)
10	Benzopyrene	µg/m³	BELOW LOQ (0.1)	IS 5182 (Part - 12) : 2006	1 (Annual)	1 (Annual)
11	Asbestos	µg/m³	BELOW LOQ (0.1)	HEC/SAAS/SPAC/9 : 2016	5 (Annual)	6 (Annual)
12	Nickel	µg/m³	BELOW LOQ (0.01)	HEC/SAAS/SPAC/9 : 2016	20 (Annual)	20 (Annual)

Note: BLQ - Below the Limit of Quantification, LOQ - Limit of Quantification, µg/m³ - Micrograms per cubic meter, mg/m³ - milligrams per cubic meter, µg/m³ - Nanograms per cubic meter.
Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.
End of Report



[Signature]
Authorized Signatory

Dr. RAJKUMAR SAMUEL
Director Technical

1. This report in full or part shall not be used for any official or public purpose without written consent by HECSS organization. 2. Samples drawn by HECSS unless otherwise mentioned. 3. Unless specifically requested by customer the test data will not be retained more than 14 days from the date of issue of test report. 4. Under no circumstances shall accept the liability or loss/damage caused by use or misuse of test report after issue of test report. 5. The test results relate only to the test items. 6. HECSS will not be responsible for the information shared by client related to samples tested.
HECS/Q/FMT/50

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TEST REPORT

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Name of the Client : M/s. Satec Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Duddahallapur,
3rd Phase, Obadevashalli, Duddahallapur-561 203
Sample Description : Ambient Air Quality
Sampling Location : Near DP Block
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/Received Date : 04/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023

Report No. : HECS/LAA/002/051023N
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Parameters	Units	Results Obtained	Test Method
1	Suspended Particulate Matter	µg/m ³	67.47	IS 5192 (Part - 4) 1999

Note:- µg/m³ Micrograms per cubic meter.

End of Report



Authorized Signatory

Jr. RAJKUMAR SAMUEL
Director Technical

1. The report in full or part shall not be used for any purpose not in conformity with the original report by HECS organization. 2. Samples are not drawn by HECS unless or otherwise mentioned. 3. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report. 4. Under no circumstances HECS accepts any liability or loss/damage caused by use or misuse of test report after receiving or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information already claims related to samples tested.

HECS/Q/FMT/50

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Name of the Client : M/s. Stelly Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Oldenahalli, Doddaballapur-561 203
Sample Description : Ambient Air Quality
Sampling Location : Near ETP
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/Received Date : 04/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023
Completed On : 13/10/2023
Instruments Name & SI No : Respirable Dust Sampler (RDS) & APM 460 - 537 -C-23
Calibration Due Date : 17/04/2024
Instruments Name & SI No : Fine Particulate Sampler (FPS) & APM 550(MINI)-1287-43-2023
Calibration Due date : 17/04/2024
ULK No : TC57862/MHMH01741HF

S.No.	Parameters	Units	Results Observed	Test Method	NAAQ Standards : 2009	
1	Sulphur Dioxide	µg/m ³	7.85	IS 5182 (Part - 1): 2012	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	µg/m ³	20.15	IS 5182 (Part - 1): 2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 µm	µg/m ³	48.66	IS 5182 (Part - 2): 2006	110 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 µm	µg/m ³	21.48	IS 5182 (Part - 2): 2006	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m ³	BLQ/LDQ/0.05	IS 5182 (Part - 1): 1999	100 (hours)	5 (8 hours)
6	Lead	µg/m ³	BLQ/LDQ/0.05	IS 5182 (Part - 2): 2006	124 (hours)	0.5 (Annual)
7	Mercury	µg/m ³	11.59	IS 5182 (Part - 9): 1974	120 (11 hours)	100 (8 hours)
8	Arsenic	µg/m ³	5.80	IS 5182 (Part - 25): 2015	400 (24 hours)	100 (Annual)
9	Benzene	µg/m ³	BLQ/LDQ/1.0	IS 5182 (Part - 11): 2006	5 (Annual)	5 (Annual)
10	Benzopyrene	µg/m ³	BLQ/LDQ/1.0	IS 5182 (Part - 12): 2006	1 (Annual)	1 (Annual)
11	Axene	µg/m ³	BLQ/LDQ/2.0	HECSAA/SCPHQ/4-2016	6 (Annual)	6 (Annual)
12	Nickel	µg/m ³	BLQ/LDQ/1.0	HECSAA/SCPHQ/4-2016	20 (Annual)	20 (Annual)

Note: BLQ - Below the Limit of Quantification, LDQ - Limit of Quantification, µg/m³ - Micrograms per cubic meter,
mg/m³ - Milligrams per cubic meter, µg/m³ - Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



Authorized Signatory

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Page 1 of 1

Name of the Client : M/s. Stella Biopharma Ltd.,
Address of the Client : Plot Number 2-101, Thuddalur (Rapur),
3rd Phase, Okadenehalli, Doddaballapur-561 203
Sample Description : Ambient Air Quality
Sampling Location : Near ETP
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 04/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023

Report No. : HECSL/AA/003/051023N
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Parameters	Units	Results Obtained	Test Method
1	Suspended Particulate Matter	µgm ³	70.24	IS: 5182 (Part - 4) 1999

Note: µgm³ - Micrograms per cubic meter.

End of Report



Authorized Signatory
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Page 1 of 1

Name of the Client : M/s. Stelic Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Oldenahalli, Doddaballapur-561 203
Sample Description : DG Stack Emission
Sample Mark : DG-1 1010 KVA
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling Received Date : 03/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023
U/Lt No : TC578623000017419T

Report No : HECS/ST/001/051023
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Velocity	m/sec	13.1	IS 11255 (Part 3) 1995	NA
2	Particulate Matter	mg/Nm ³	48.25	IS 11255 (Part 1) 1995	75
3	Sulphur Dioxide	mg/Nm ³	1.92	IS 11255 (Part 2) 1995	NA
4	Oxides of nitrogen	ppm	242.75	IS 11255 (Part 2) 1995	210
5	Temperature	°C	183.0	IS 11255 (Part 1) 1995	NA
6	Non Methane Hydro Carbon	mg/Nm ³	BT Q1 (0.0-1.1)	USEPA Method 25, 2017	100

Note: mg/Nm³ - Milligrams per Normal cubic meter, °C - Degree Celsius, ppmv - Parts per million by Volume. NA - Not Applicable.
nmv - Meter Per Second.

Remarks : Standards are given as per CPCB P.C.S / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW)).

The Test Parameters are found within acceptable Limit.

End of Report



Authorized Signatory

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TEST REPORT

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Name of the Client : M/s. Steels Biopharma Ltd.,

Report No. : HECST/ST/0012/051023

Report Date: 13/10/2023

Address of the Client : Plot Number 2-D1, Doddahallapur,
3rd Phase, Obadana Halli, Doddahallapur-561 203

Sample Description : DG Stack Emission

Sample Mass : 100-11 1010 KVA

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,

Sampling received Date : 03/10/2023 - 05/10/2023

Analysis Commenced On : 05/10/2023

Completed On : 13/10/2023

U/LR No : TC578623000017420F

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Velocity	m/sec	13.8	IS : 12551(Part-3) 2008	NA
2	Particulate Matter	mg/Nm ³	50.21	IS 11255 (Part 1) 1985	75
3	Sulphur Dioxide	mg/Nm ³	14.79	IS 11255 (Part 2) 1985	NA
4	Oxides of nitrogen	ppmv	270.13	IS : 2551(Part 2) 2006	710
5	Temperature	°C	105.0	IS 11255 (Part 1) 1985	NA
6	Non-Methane Hydro Carbon	mg/Nm ³	NIAD (LOQ) 0.11	USEPA Method 25-2017	100

Note:-mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius, ppmv- Parts per million by Volume, NA - Not Applicable, m/s - Meter Per Second.

Remarks :-Standards are given as per CPCB PCIN / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 MW/800 KW).

The Tested Parameters are found within acceptable Limit.

End of Report



Authorized Signatory

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TEST REPORT

Page 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-DII, Duddaballapur,
3rd Phase, Obudenaikallil, Duddaballapur-561 203
Sample Description : DG Stack Emission
Sample Mark : DG-DII 1010 KVA
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/Received Date : 03/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023
U/LR No. : TC578623000007421F

Report No. : HECS/LST/003/051023
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Velocity	m/sec	12.1	IS 11257 (Part 3) 2003	NA
2	Particulate Matter	mg/Nm ³	45.82	IS 11253 (Part 1) 1985	75
3	Sulphur Dioxide	mg/Nm ³	13.21	IS 11254 (Part 2) 1985	NA
4	Oxides of Nitrogen	ppmv	260.55	IS 11255 (Part 3) 2003	710
5	Temperature	°C	288.0	IS 11255 (Part 3) 2003	NA
6	Non-Methane Hydro Carbon	mg/Nm ³	BLOU/LOQ (0.1)	CSEPA Method 25-2017	100

Note: mg/Nm³ - Milligrams per Normal cubic meter, °C - Degree Celsius, ppmv - Parts per million by Volume, NA - Not Applicable,
m/s - Meter Per Second.

Remarks : Standards are given as per CPCB PCRS / 02/ 2010 Sixth Edition (Engine Rating more than 0.5 M W (800 KW)).

The Tested Parameters are found within acceptable limits.

End of Report



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Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Oldeniahalli, Doddaballapur-561 203
Sample Description : Stack Emission
Sample Mark : Boiler-1
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 03/10/2023 -05/10/2023
Analysis Commenced On : 05/10/2023
U.R.No. : TC 5786230000174221

Report No. : HES/SLIST/004/051023
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Velocity	m/sec	18.7	IS 11255 (Part-3) 2008	NA
2	Particulate Matter	mg/Nm ³	53.22	IS 11255 (Part-1) 1985	1200
3	Sulphur Dioxide	mg/Nm ³	17.40	IS 11255 (Part-2) 1985	600 mg/Nm ³ at 3 % dry O ₂ for liquid fuel
4	Oxides of Nitrogen	mg/Nm ³	46.55	IS 11255 (Part-7) 2005	300 mg/Nm ³ at 3 % dry O ₂ for liquid fuel
5	Temperature	°C	179.0	IS 11255 (P-3) 2008	NA

Note: mg/Nm³ - Milligramms per normal cubic meter, °C - Degree Celsius, NA - Not Applicable,
m/s - Meter Per second.
Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.
End of Report



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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-31, Dindigulapur,
3rd Phase, Ohadendhulli, Dindigulapur-601 203
Sample Description : Stack Emission
Sample Mark : Boiler-II
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 03/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023
U.I.R No. : 115786230000015423F

Report No. : HECS/SL/ST/0015/051023
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Velocity	m/sec	12.5	IS 11255 (Part-3) 2008	NA
2	Particulate Matter	mg/Nm ³	44.88	IS 11255 (Part-1) 1985	1200
3	Sulphur Dioxide	mg/Nm ³	30.64	IS 11255 (Part-2) 1985	600 mg/Nm ³ at 3% dry O ₂ for liquid fuel
4	Oxides of Nitrogen	mg/Nm ³	40.20	IS 11255 (Part-2) 2005	300 mg/Nm ³ at 3% dry O ₂ for liquid fuel
5	Temperature	°C	160.0	IS 11255 (Part-3) 2008	NA

Note: mg/Nm³ = Milligram per Normal cubic meter, °C = Degree Celsius, NA = Not Applicable,
m/s = Meter Per Second.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report



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Name of the Client : M/s. Stelis Bioprocess Ltd.,
Address of the Client : Plot Number 2-DI, Doddaballapur,
3rd Phase, Obadiahalli, Doddaballapur-561 203
Sample Description : DG Stack Emission
Sample Mark : Fire Hydrant DG
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 03/10/2023 -05/10/2023
Analysis Commenced On : 05/10/2023
ID.R No. : TC:5786230000154243

Report No. : HRCST/ST/0000051023
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Velocity	m/sec	10.0	IS 11255 (Part-1) 2008	NA
2	Particulate Matter	g/kw-hr	0.068	IS 11255 (Part-1) 1985	5.0
3	Sulphur Dioxide	g/kw-hr	0.021	IS 11255 (Part-2) 1985	NA
4	Oxides of nitrogen	g/kw-hr	0.249	IS 11255 (Part-2) 2005	0.40 NOx-1301
5	Temperature	°C	185.0	IS 11255 (Part-3) 2006	NA

Note: g/kw-hr- Gram per Kilowatt Hour, °C- Degree Celsius, NA - Not Applicable, m/s - Meter Per Second.

Remarks :- Standards are given as per CPCB notification no. G.S.R.771 (P) dated 11th December, 2015

(Engine Rating less than 0.8 MW (800 KW); The Tested Parameters are found in acceptable limit,

End of Report



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Name of the Client : M/s. Stells Biopharma Ltd.,

Report No. : HECSE/ST/007/051023

Report Date: 13/10/2023

Address of the Client : Plot Number 2-111, Neelidatta Nagar,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Sample Description : Stack Emission

Sample Mark : QC Scrubber Exhaust-3

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,

Sampling/received Date : 03/10/2023 - 05/10/2023

Analysis Commenced On : 05/10/2023

Completed On : 13/10/2023

ULR No. : TC578623099017425F

S.No.	Test Parameters	Units	Results	Test Method
1	Temperature	°C	44.0	IS 31255 (Part-1) 2006
2	Flow rate	Nm ³ /hr	3669.0	IS 31255 (Part-3) 2006
3	Acid mist as H2SO4	mg/Nm ³	BLQ/L.O.Q. (1)	USEPA Method

Note: - BLQ - Below the Limit of Quantification, L.O.Q - Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
mg/Nm³ - Milligram per Normal cubic meter.

*** End of Report ***



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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Dondakallapur,
3rd Phase, Obadurathalli, Dondakallapur-561 203
Sample Description : Stack Emission
Sample Mark : QU Scrubber Exhaust-I
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 03/10/2023 : 05/10/2023
Analysis Commenced On : 05/10/2023

Report No. : HECSL/ST0007/051023N
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Test Parameters	Units	Results	Test Method
1	Chlorine	mg/Nm ³	BLQ(BLQ)	HECS/STR/STACK/SOP026

Note: BLQ - Below the Limit of Quantification, L.O.Q- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter.

End of Report



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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadachalku, Doddaballapur-561 203
Sample Description : Stack Emission
Sample Mark : QC Scrubber Exhaust-II
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 03/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023
ULR No. : TC578623000037426F

Report No. : HECS/LSST/008/051023
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Test Parameters	Units	Results	Test Method
1	Temperature	°C	55.0	IS 11255 (Part-3)2008
2	Flow rate	Nm³/hr	401.5	IS 11255 (Part-3)2008
3	Acid mist as H2SO4	mg/Nm³	BE DILUO 11	USEPA Method

Notes- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
mg/Nm³- Milligram per Normal cubic meter.

*** End of Report ***



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Name of the Client : M/s. Stevia Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenuhalli, Doddaballapur-561 203
Sample Description : Stock Emission
Sample Mark : QC Scrubber Exhaust-II
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/Received Date : 03/10/2023 -05/10/2023
Analysis Commenced On : 05/10/2023
Report No. : HECS/ST/008/051023N
Report Date : 13/10/2023
Generated On : 13/10/2023

S.No.	Test Parameters	Units	Results	Test Method
1	Chlorine	mg/Nm ³	BLQ(LOQ 0.1)	HECS/ATRS/STACK/SC/026

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter.

End of Report



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Name of the Client : M/s. Stella Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadennahalli, Doddaballapur-561 203
Sample Description : Stack Emission
Sample Mark : QC Scrubber Exhaust-III
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 03/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023
UJR No : TCS78623000017427F

Report No : HEC/CSL&T/009/051023
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Test Parameters	Units	Results	Test Method
1	Temperature	°C	38.0	IS 11255 (Part-3) 2008
2	Flow rate	Nm ³ /hr	2184.0	IS 11255 (Part-1) 2008
3	Acid mist as H2SO4	mg/Nm ³	81.06 (LOQ + 0)	US EPA Method

Note: BLQ - Below the Limit of Quantification. LOQ- Limit of Quantification. Nm³/hr - Normal cubic meter per hour,
mg/Nm³ - Milligram per Normal cubic meter.

End of Report



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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenuhalli, Doddaballapur-561 205
Sample Description : Stack Emission
Sample Mark : QC Scrubber Exhaust-D1
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 03/10/2023 -05/10/2023
Analysis Commenced On : 05/10/2023
Completed On : 13/10/2023

S.No.	Test Parameters	Units	Results	Test Method
1	Chlorine	mg/Nm ³	BLQ(LOQ 0.1)	HECS/GR/STACK/SO1026

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligramme per Normal cubic metre.

End of Report



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Name of the Client : M/s. Steels Bhopal Ltd.,
Address of the Client : Plot Number 2-331, Doddaballapur,
3rd Phase, Chaderahalli, Doddaballapur-561 203
Sample Description : Waste Water
Sample From : ETP Inlet
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/Received Date : 03/10/2023 -05/10/2023
Analysis Commenced On : 05/10/2023
H.R. No. : TC-579623000017428F

Report No. : HECSL/WW/001/051023
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Parameters	Units	Results	Test Method
1	Total suspended Solids	mg/l	16.0	IS 3025 (Part 1): 1992
2	pH @ 25°C	-	7.40	IS 3025 (Part 1): 2022
3	Total Dissolved Solids	mg/l	1002	IS 3025 (Part 1): 1992
4	Temperature	°C	28.0	IS 3025 (Part 1): 1992
5	Oil & Grease	mg/l	31.66 (LOQ 1.0)	IS 3025 (Part 1): 1992
6	CaO as Ca	mg/l	3.780	IS 3025 (Part 1): 1992
7	Chloride as Cl	mg/l	96.58	IS 3025 (Part 1): 1992
8	Sulphate as SO ₄	mg/l	186.23	IS 3025 (Part 1): 1992
9	Free phos. & Alkalinity as CaCO ₃	mg/l	BE LOQ (LOQ 1.0)	IS 3025 (Part 1): 1992
10	Turbidity	NTU	17.4	IS 3025 (Part 1): 1992
11	Total hardness as CaCO ₃	mg/l	250.0	IS 3025 (Part 1): 1992
12	Residual Free Chlorine	mg/l	31.66 (LOQ 0.1)	IS 3025 (Part 1): 1992
13	Methyl Orange Alkalinity as CaCO ₃	mg/l	148.0	IS 3025 (Part 1): 1992
14	Biomass	mg/l	BE LOQ (LOQ 100)	IS 3025 (Part 1): 2003

Note - BE LOQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per liter, °C - Degree Celsius,
NTU- Nephelometric Turbidity Unit.

End of Report



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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-101, Doddaballapur,
3rd Phase, Obadenehalli, Doddaballapur-561 203
Sample Description : Waste Water
Sample Mark : ETP Inlet
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/Received Date : 03/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023
Completed On : 13/10/2023

S.No.	Parameters	Units	Results	Test Method
1	Total Solids as SiO ₂	mg/l	3.83	IS 3025 (Part 35) (1996)
2	Calcium Hardness as CaCO ₃	mg/l	230.0	IS 3025 (Part 40) (1994)
3	Magnesium Hardness as CaCO ₃	mg/l	20.0	IS 3025 (Part 46) (1994)
4	BOD ₅ , 3 days @ 27°C as O ₂	mg/l	40.0	IS 3025 (Part 44) (1997)
5	Sodium as Na	mg/l	182.0	IS 3025 (Part 45) (1997)

Note :- mg/l- Milligrams per litre.

End of Report



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TEST REPORT

Page: 1 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddahallapur,
3rd Phase, Ohadenahalli, Doddahallapur-561 203
Sample Description : Waste Water
Sample Mark : ETP Outlet
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/Received Date : 03/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023
CLR No. : TC/578623000017429P

Report No. : HEC/S1/WYW/002051423
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Parameters	Units	Results	Test Method	RSPEC Limits
1	Total suspended Solids	mg/l	14.0	IS 3025 (Part 1) 1984	100 Max
2	pH @ 25°C	-	7.30	IS 3025 (Part 1) 2022	6.0 - 8.5
3	Total Dissolved Solids	mg/l	1026.0	IS 3025 (Part 1) 1984	2100 Max
4	Temperature	°C	28.0	IS 3025 (Part 1) 1984	-
5	Oil & Grease	mg/l	BLQ (LOQ) 0.1	IS 3025 (Part 1) 1991	10 Max
6	Ammonical Nitrogen as N	mg/l	BLQ (LOQ) 0.02	IS 3025 (Part 1) 1991	50 Max
7	CO ₂ as CO ₂	mg/l	28.0	IS 3025 (Part 1) 2006	750 Max
8	Lead as Pb	mg/l	BLQ (LOQ) 0.1	IS 3025 (Part 1) 1991	0.1 Max
9	Total Chromium as Cr	mg/l	BLQ (LOQ) 0.01	IS 3025 (Part 1) 2000	2.0 Max
10	Copper as Cu	mg/l	BLQ (LOQ) 0.05	IS 3025 (Part 1) 1991	1.0 Max
11	Zinc as Zn	mg/l	BLQ (LOQ) 0.05	IS 3025 (Part 1) 1991	1.0 Max
12	Chloride as Cl	mg/l	205.5	IS 3025 (Part 1) 1984	4000 Max
13	Sulfate as SO ₄	mg/l	120.5	IS 3025 (Part 1) 1984	1000 Max
14	Sulfide as S ₂	mg/l	BLQ (LOQ) 0.04	IS 3025 (Part 1) 1984	2.0 Max
15	Arsenic as As	mg/l	BLQ (LOQ) 0.005	IS 3025 (Part 1) 1984	0.2 Max
16	Mercury as Hg	mg/l	BLQ (LOQ) 0.001	IS 3025 (Part 1) 1984	0.01 Max
17	Cyanide as CN	mg/l	BLQ (LOQ) 0.01	IS 3025 (Part 1) 1984	0.2 Max
18	Phenolic Compounds as CH ₃ SO ₂	mg/l	BLQ (LOQ) 0.01	IS 3025 (Part 1) 1984	NA
19	Formaldehyde as CH ₂ O	mg/l	BLQ (LOQ) 0.01	IS 3025 (Part 1) 1984	NA
20	Turbidity	NTU	1.6	IS 3025 (Part 1) 1984	NA



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TEST REPORT

Page : 1 of 2

Name of the Client : M/s. Stelis Bijnharman Ltd.,
Address of the Client : Plot Number 2-111, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Sample Description : Waste Water
Sample Mark : ETP Outlet
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 05/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023
CLR No. : TC578623100017429F

Report No. : HECSLAWW/002/051023
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Parameters	Units	Results	Test Method	KSPCR Limits
21	Total hardness as CaCO ₃	mg/l	1610	IS 3025 (Part 21), 1985	NA
22	Residual Free Chlorine	mg/l	21.2 (1.02 Cl ₂)	IS 3025 (Part 26), 1986	NA
23	Sodium as Na	mg/l	08.0	IS 3025 (Part 43), 1995	NA
24	Methyl Orange Alkalinity	mg/l	200	IS 3025 (Part 25), 1986	NA
25	Iron as Fe	mg/l	11.2 (0.02 Cl ₂)	IS 3025 (Part 51), 2003	NA
26	Hexavalent Chromium	mg/l	BLQ (LOQ 0.1)	IS 3025 (part 22), 2006	0.1 Max

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, NTU- Nephelometric Turbidity Unit.

mg/l- Milligrams per litre.

Remarks: ETP Outlet as above parameters meets KSPCR Standards.

As per the Report



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Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,

Report No. : HECSL/AYW/02/051023N

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Doddaballapur, Doddaballapur-561 203

Report Date : 13/10/2023

Sample Description : Waste Water

Sample Mark : ETP Outlet

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,

Sampling/received Date : 03/10/2023 - 05/10/2023

Analysis Commenced On : 05/10/2023

Completed On : 13/10/2023

S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
1	BOD ₅ , 5 days @ 27°C as O ₂	mg/l	4.0	IS:5025 (Part 1):441:991	30 Max
2	Total Solids as S.O ₂	mg/l	1.02	IS:5025 (Part 15):1988	NA
3	Calcium Hardness as CaCO ₃	mg/l	50.0	IS:5025 (Part 10):1994	NA
4	Magnesium Hardness as CaCO ₃	mg/l	120.0	IS:5025 (Part 16):1994	NA
5	Phosphate	mg/l	BLQ(LOQ 0.02)	IS:5025 (Part 21):1988	NA
6	Benzene	mg/l	BLQ(LAQ 0.01)	IS:15582:2006	NA
7	Xylene	mg/l	BLQ(LOQ 0.01)	IS:15582:2006	0.12 Max
8	Chlorobenzenes	mg/l	BLQ(LOQ 0.01)	IS:15582:2006	0.2 Max
9	Biassay Test, Toxicity @ 96% survival of Fish after 96 hours in 100% effluent	%	910	IS:15582:2006:5.2.4.1	NA
10	Methylene Chloride	mg/l	BLQ(LOQ 0.01)	IS:15582:2006	0.9 Max

Note :- BLQ - Below the Limit of Quantification, LOQ - Limit of Quantification, mg/l - Milligrams per litre, % - Percentage.

Remark: ETP Outlet as above parameters meets KSPCB Standards.

End of Report




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Page 1 of 1

Name of the Client : M/s. Shells Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Ohadenahalli, Doddaballapur-561 203
Sample Description : Waste Water
Sample Mark : STP Outlet
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/Received Date : 03/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023
ULR No. : TC5786230000174308

Report No. : HECSTL/WW/00150154023
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Parameters	Units	Results	Test Method	KSPCR Limits
1	pH @ 25°C	-	7.46	IS 5025 Part II - 2022	6.0 - 9.0
2	COD as O ₂	mg/l	40.0	IS 3025 (Part 50) 2005	<50
3	Total suspended Solids	mg/l	10.0	IS 3025 (Part 57) 1983	<20
4	Ammonical Nitrogen as N	mg/l	4.35	IS 3025 (Part 34) 1984	<5
5	Total Dissolved Solids	mg/l	1188.0	IS 3025 (Part 16) 1984	<5

Note: mg/l - Milligrams per liter.

Remarks: STP Outlet as above parameters meets KSPCR Standards

End of Report



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Name of the Client : M/s. Sicis Biopharma Ltd.,

Report No. : HEC/SL/VW/003/051023N

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Chordansahalli, Doddaballapur-561 203

Report Date : 13/10/2023

Sample Description : Waste Water

Sample Mark : STP Outlet

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,

Sampling/Received Date : 03/10/2023 -05/10/2023

Analysis Commenced On : 05/10/2023

Completed On : 13/10/2023

S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
1	Total Nitrogen	mg/l	8.78	IS 1025 (Part 54) 1986	<10
2	BOD, 5 days @ 27°C ±0.2	mg/l	8.0	IS 1025 (Part 41) 1990	<10

Note: mg/l - Milligrams per liter.

Remarks: STP Outlet as above parameters meets KSPCB Standards.

End of Report



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Page : 1 of 1

Name of the Client : M/s. Stella Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddahallapur,
3rd Phase, Oldenahalli, Doddahallapur-561 203
Sample Description : Waste Water
Sample Mark : STP Outlet
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/Received Date : 03/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023
Report No : HEC/ST/MB/001/051023
Report Date : 13/10/2023
Completed On 10/10/2023

S.No.	Parameters	Units	Results	Test Method	Limits
1	Fecal Coliform	MPN/100ml	70	APHA 20th Edition Part 221	<110

Note: MPN-Most Probable Number.

Remarks: STP Outlet as above parameters meets KNPCB Standards.

End of Report



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Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenuhalli, Doddaballapur-561 203
Sample Description : Waste Water
Sample Mark : RO Reject
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 03/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023
ILR No. : TC578623001017431F

Report No. : HECSLAWW0040051023
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Parameters	Units	Results	Test Method
1	Total suspended Solids	mg/l	20.0	IS 3025 (Part 1) 1992
2	pH @ 25°C	-	7.74	IS 3025 (Part 1) 1992
3	CO ₂ as O ₂	mg/l	218.0	IS 3025 (Part 5) 2004
4	Chloride as Cl ⁻	mg/l	2174.2	IS 3025 (Part 12) 1998
5	Sulphate as SO ₄	mg/l	322.6	IS 3025 (Part 20) 1992
6	Total hardness as CaCO ₃	mg/l	650.0	IS 3025 (Part 21) 1992

Note :- mg/l- Milligrams per litre.

End of Report



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Name of the Client : M/s. Stells Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenehalli, Doddaballapur-561 203
Sample Description : Waste Water
Sample Mark : RO Reject
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 03/10/2023 - 05/10/2023
Analysis Commenced On : 05/10/2023

Report No. : HECSLWW/004/051023N
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Parameters	Units	Results	Test Method
1	Total Dissolved Solids	mg/l	10370.0	IS 3025 (Part 1): 1992
2	TCB (5 days @ 27°C at 102)	mg/l	44.0	IS 3025 (Part 4): 1995
3	Sodium as Na	mg/l	10110.0	IS 3025 (Part 45): 1997

Note :- mg/l- Milligramme per litre.

End of Report



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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadeenahalli, Doddaballapur - 561 203
Sample Description : Waste Water
Sample Mark : RO Permeate
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 03/10/2023 : 05/10/2023
Analysis Commenced On : 05/10/2023
CLIR No. : TC5786230000174328

Report No. : HECSL/WW/2005/05/023
Report Date : 13/10/2023

Completed On : 13/10/2023

S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
1	Total suspended Solids	mg/l	BLQ(1.00) (1.0)	IS 3025 (Part 17) 1994	100
2	pH @ 25°C	-	7.20	IS 3025 (Part 11) 2002	5.5 - 9.0
3	Total Dissolved Solids	mg/l	266.0	IS 3025 (Part 10) 1994	2100
4	ECOD as O ₂	mg/l	BLQ(1.00) (4.0)	IS 3025 (Part 56) 2004	750
5	Formic Compound as C ₆ H ₁₀ O ₄	mg/l	BLQ(1.00) (0.1)	IS 3025 (Part 43) 1992	1.0
6	Total hardness as CaCO ₃	mg/l	22.0	IS 3025 (Part 21) 1993	N/A
7	Sulphate as SO ₄	mg/l	BLQ(1.00) (1.0)	IS 3025 (Part 29) 1995	2.0
8	Lead as Pb	mg/l	BLQ(1.00) (0.1)	IS 3025 (Part 47) 1994	0.1
9	Phosphorus	mg/l	BLQ(1.00) (0.02)	IS 3025 (Part 31) 1988	3 Max
10	Air sample of Nitrogen as N	mg/l	BLQ(1.00) (0.02)	IS 3025 (Part 34) 1995	50
11	Total Chromium as Cr	mg/l	BLQ(1.00) (0.01)	IS 3025 (Part 52) 2005	2.0
12	Copper as Cu	mg/l	BLQ(1.00) (0.05)	IS 3025 (Part 42) 1992	1.0
13	Zinc as Zn	mg/l	BLQ(1.00) (0.02)	IS 3025 (Part 49) 1994	1.0
14	Arsenic as As	mg/l	BLQ(1.00) (0.01)	IS 3025 (Part 57) 1988	0.2
15	Mercury as Hg	mg/l	BLQ(1.00) (0.001)	IS 3025 (Part 45) 1994	0.01
16	Cyanide as CN	mg/l	BLQ(1.00) (0.01)	IS 3025 (Part 27) 1986	0.2
17	Hexavalent Chromium	mg/l	BLQ(1.00) (0.1)	IS 3025 (Part 52) 2006	0.1 Max

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre.

Remarks: RPP RO Permeate as above parameters meets KSPCB Limits.

End of Report



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Name of the Client : M/s. Stelis Biopharmas Ltd.,
Address of the Client : Plot Number 2-D1, Duddahallapur,
3rd Phase, Obadennahalli, Duddahallapur-601 203
Sample Description : Waste Water
Sample Mark : RO Permeate
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 03/10/2023 -05/10/2023
Analysis Commenced On : 05/10/2023
Report No : HECSL/WW/005/051023N
Report Date : 13/10/2023
Completed On:13/10/2023

S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
1	BOD ₅ 5 days @ 20°C ± 0.02	mg/l	BLQ(LOQ 1.0)	IS 3025 (Part 42) 1967	20
2	Bioassay Test, Toxicity @ 90% survival of fish after 96 hours in 100% effluent	%	100.0	IS 6552(Part 2) 200	90% survival of fish after 96 hours in 100% effluent
3	Benzene	mg/l	BLQ(LOQ 0.1)	USEPA 8260	NA
4	Xylene	mg/l	BLQ(LOQ 0.1)	USEPA 8260	0.12 Max
5	Chlorobenzenes	mg/l	BLQ(LOQ 0.1)	USEPA 8260	0.2 Max
6	Methylene Chloride	mg/l	BLQ(LOQ 0.1)	USEPA 8260	0.9 Max

Note : BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre.

Remarks: Outlet as above parameters meets KSPCB Standards.

End of Report




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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Chariyehalli, Doddaballapur-561 203
Sample Description : Ambient Noise Monitoring
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd
Sampling/Received Date : 04/10/2023 - 05/10/2023
U.L.R. No. : TC37H623000017423P

Report No. : HECSL/AN/001/051023

Report Date : 12/10/2023

S.No	Time Hrs	Monitoring Location & Hourly Leq Noise Levels in dB(A)		
		Near Main Gate	Near RTP Area	Near Ware House
1	00-01	58.2	55.1	54.8
2	01-02	60.5	58.2	56.4
3	02-03	60.9	60.1	58.5
4	03-04	63.1	61.1	56.2
5	04-05	60.2	59.1	56.3
6	05-06	61.6	60.5	59.1
7	06-07	62.4	55.2	56.9
8	07-08	63.7	55.9	58.9
9	08-09	64.0	57.4	59.0
10	09-10	61.3	54.6	57.6
11	10-11	60.7	58.0	54.5
12	11-12	61.0	55.2	54.7
13	12-13	62.1	55.9	55.5
14	13-14	60.8	55.7	52.6
15	14-15	61.1	56.5	54.5
16	15-16	55.1	55.9	51.2
17	16-17	58.4	55.9	50.2
18	17-18	56.5	51.0	48.2
19	18-19	59.1	54.6	50.7
20	19-20	55.2	52.4	52.4
21	20-21	55.0	51.6	53.1
22	21-22	55.5	50.1	55.9
23	22-23	56.4	50.9	51.2
24	23-00	55.2	48.6	50.7
I	Ld	60.1	61.5	58.9
II	Ln	58.8	53.7	55.5
III	Ldn	60.2	60.8	55.5

Limits set by CPCB:

i. Industrial Area	: Day Time 75 dB (A);	Night Time 70 dB (A);
ii. Commercial Area	: Day Time 65 dB (A);	Night Time 55 dB (A);
iii. Residential Area	: Day Time 55 dB (A);	Night Time 45 dB (A);
iv. Silence Zone	: Day Time 50 dB (A);	Night Time 40 dB (A);

Note: Monitoring Data represents 24 hours from 00:00 am to 24:00 am next day.

Legend: Leq- Equivalent Noise Level (hourly); Ld-Day Time Equivalent Noise Level (06:00-22:00 hrs);

Ln-Night Time Equivalent Noise Level (22:00-06:00 hrs); and Ldn-24 hourly Equivalent Noise Level;

*** End Report ***



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TEST REPORT

Page 1 of 1

Name of the Client : M/s. Stelix Biopharma Ltd.,

Report No. : HECSI/AA/001/06/123

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Report Date : 09/11/2023

Sample Description : Ambient Air Quality

Sampling Location : Near Main Gate

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,

Sampling/received Date : 04/11/2023 - 06/11/2023

Analysis Commenced On : 06/11/2023

Completed On : 09/11/2023

Instrument Name & Sl.No : Respirable Dust Sampler (RDS) & APM 460 -540-C-2023

Calibration Due date : 17/04/2024

Instrument Name & Sl.No : Fine Particulate Sampler (FPS) & APM 550MINI-1288-D-2023

Calibration Due date : 17/04/2024

ULR No. : TC578623000021580P

S.No.	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009	
1	Sulphur Dioxide	$\mu\text{g}/\text{m}^3$	12.60	CPCU guidelines Volume 1: 2012	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	$\mu\text{g}/\text{m}^3$	25.13	IS 5182 (Part - 6) : 2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 μm	$\mu\text{g}/\text{m}^3$	48.55	IS 5182 (Part - 23) : 2006	110 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 μm	$\mu\text{g}/\text{m}^3$	24.43	IS 5182 (Part - 24) : 2019	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m^3	BEQ (LOQ 0.05)	IS 5182 (Part - 10) : 1989	1 (1 hour)	2 (6 hours)
6	Lead	$\mu\text{g}/\text{m}^3$	BEQ (LOQ 0.05)	IS 5182 (Part - 22) : 2006	1 (24 hours)	0.5 (Annual)
7	Cadmium	$\mu\text{g}/\text{m}^3$	11.60	IS 5182 (Part - 9) : 1974	180 (1 hour)	100 (Annual)
8	Ammonia	$\mu\text{g}/\text{m}^3$	6.01	IS 5182 (Part - 25) : 2018	400 (24 hours)	100 (Annual)
9	Benzene	$\mu\text{g}/\text{m}^3$	BEQ (LOQ 1.0)	IS 5182 (Part - 11) : 2006	5 (Annual)	2 (Annual)
10	Benz(a)pyrene	ng/m^3	BEQ (LOQ 1.0)	IS 5182 (Part - 12) : 2004	1 (Annual)	1 (Annual)
11	Arsonic	ng/m^3	BEQ (LOQ 7.0)	HECS/AA/SOP/0114 : 2016	6 (Annual)	6 (Annual)
12	Nickel	ng/m^3	BEQ (LOQ 10.0)	HECS/AA/SOP/009 : 2016	20 (Annual)	20 (Annual)

Note: BEQ - Below the Limit of Quantification, LOQ - Limit of Quantification, $\mu\text{g}/\text{m}^3$ - Micrograms per cubic meter, ng/m^3 - Nanograms per cubic meter, mg/m^3 - Milligrams per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



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Name of the Client : M/s. Stebis Biopharma Ltd.,

Report No. : HECS/IAA/004/061123N

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenshalli, Doddaballapur-561 203

Report Date : 09/11/2023

Sample Description : Ambient Air Quality

Sampling Location : Near Main Gate

Sample Drawn By : Hubert Enviro Care Systems (P)Ltd.,

Sampling/received Date : 04/11/2023 -06/11/2023

Analysis Commenced On : 06/11/2023

Completed On 09/11/2023

S.No.	Parameters	Units	Result Obtained	Test Method
1	Suspended Particulate Matter	$\mu\text{g}/\text{m}^3$	75.02	IS: 5182 (Pt 4) 1999

Note: $\mu\text{g}/\text{m}^3$ - Micrograms per cubic meter.

End of Report



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Signature of Authorized Signatory

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Name of the Client : M/s. Steels Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenuhalli, Doddaballapur-561 203
Sample Description : Ambient Air Quality
Sampling Location : Near DP Block
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/Received Date : 04/11/2023 - 06/11/2023
Analysis Commenced On : 06/11/2023 Completed On : 09/11/2023
Instruments Name & SI No : Respirable Dust Sampler (RDS) & APM 460-525-B-2023
Calibration Due date : 28/02/2024
Instruments Name & SI No : Fine Particulate Sampler (FPS) & APM 550M1NI-1273-B-2023
Calibration Due date : 28/02/2024

C.I.R. No. : TC57862300000215HCP

S.No.	Parameters	Units	Results Obtained	Test Method	NAAQ Standards: 2009	
					80 (24 hours)	50 (Annual)
1	Sulphur Dioxide	$\mu\text{g}/\text{m}^3$	11.46	CPCB guideline Volume I - 2012	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	$\mu\text{g}/\text{m}^3$	29.03	IS 5182 (Part - 6) : 2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 μm	$\mu\text{g}/\text{m}^3$	44.19	IS 5182 (Part - 25) : 2006	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 μm	$\mu\text{g}/\text{m}^3$	21.87	IS 5182 (Part - 24) : 2019	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m^3	BLQ(LOQ 0.05)	IS 5182 (Part - 11) : 1999	4 (8 hours)	2 (8 hours)
6	Lead	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 0.05)	IS 5182 (Part - 22) : 2004	1 (24 hours)	0.5 (Annual)
7	Ozone	$\mu\text{g}/\text{m}^3$	13.91	IS 5182 (Part - 9) : 1974	100 (8 hours)	100 (8 hours)
8	Ammonia	$\mu\text{g}/\text{m}^3$	7.52	IS 5182 (Part - 25) : 2018	400 (24 hours)	100 (Annual)
9	Benzene	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 1.0)	IS 5182 (Part - 11) : 2006	5 (Annual)	5 (Annual)
10	Benz(a)pyrene	ng/m^3	BLQ(LOQ 1.0)	IS 5182 (Part - 12) : 2004	1 (Annual)	1 (Annual)
11	Arsenic	ng/m^3	BLQ(LOQ 2.0)	HECS/AA/SI/20019 : 2016	6 (Annual)	6 (Annual)
12	Nickel	ng/m^3	BLQ(LOQ 10.0)	HECS/AA/SI/20019 : 2016	20 (Annual)	20 (Annual)

Note: BLQ - Below the Limit of Quantification, LOQ - Limit of Quantification, $\mu\text{g}/\text{m}^3$ - Micrograms per cubic meter,
 mg/m^3 - Milligrams per cubic meter, ng/m^3 - Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



Authorized Signatory

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Page : 1 of 1

Name of the Client	: M/s. Stelis BioPharma Ltd.,
Address of the Client	: Plot Number 2-111, Doddahallapur, 3rd Phase, Chaddenahalli, Doddahallapur-561 203
Sample Description	: Ambient Air Quality
Sampling Location	: Near DP Block
Sample Drawn By	: Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date	: 04/11/2023 -06/11/2023
Analysis Commenced On	: 06/11/2023

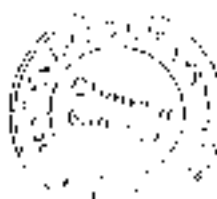
Report No. : HECST/AA/202/061123N
Report Date : 09/11/2023

Completed On: 09/11/2023

S.No.	Parameters	Units	Result Obtained	Test Method
1	Suspended Particulate Matter	µg/m ³	Not	IS: 5182 (P-4) 1991

Note: $\mu\text{g}/\text{m}^3$ Micrograms per cubic meter.

''' End of Report'''



Authorized Signatory

U.S. National Library of Medicine

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,

Report No. : HECSL/AA/003/061123

Report Date : 09/11/2023

Address of the Client : Plot Number 2-D1, Doddahallapur,
3rd Phase, Oradenahalli, Doddahallapur-561 203

Sample Description : Ambient Air Quality

Sampling Location : Near ETP

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,

Sampling/received Date : 04/11/2023 - 06/11/2023

Analysis Commenced On : 06/11/2023

Completed On : 09/11/2023

Instruments Name & S.No : Respirable Dust Sampler (RDS) & APM 460 -537 -C-23

Calibration Due date : 17/04/2024

Instruments Name & S.No : Fine Particulate Sampler (FPS) & APM 560MINI-1287-D-2023

Calibration Due date : 17/04/2024

ITR No. : TCS7B623000021582F

S.No.	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009	
1	Sulphur Dioxide	$\mu\text{g}/\text{m}^3$	8.59	CPCB guideline Volume 1- 2012	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	$\mu\text{g}/\text{m}^3$	23.17	IS 5182 (Part - 6) : 2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than $10\ \mu\text{m}$	$\mu\text{g}/\text{m}^3$	45.90	IS 5182 (Part - 23) : 2006	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than $2.5\ \mu\text{m}$	$\mu\text{g}/\text{m}^3$	24.66	IS 5182 (Part - 24) : 2019	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m^3	BLQ(LOQ 0.05)	IS 5182 (Part - 10) : 1979	4 (1 hour)	2 (8 hours)
6	Lead	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 0.05)	IS 5182 (Part - 22) : 2004	1 (24 hours)	0.5 (Annual)
7	Cadmium	$\mu\text{g}/\text{m}^3$	10.69	IS 5182 (Part - 9) : 1974	100 (8 hours)	100 (8 hours)
8	Arsenic	$\mu\text{g}/\text{m}^3$	5.13	IS 5182 (Part - 25) : 2018	400 (24 hours)	100 (Annual)
9	Benzene	$\mu\text{g}/\text{m}^3$	BLQ(LOQ 1.0)	IS 5182 (Part - 11) : 2006	5 (Annual)	3 (Annual)
10	Benzol(a)pyrene	ng/m^3	BLQ(LOQ 1.0)	IS 5182 (Part - 12) : 2004	1 (Annual)	1 (Annual)
11	Axenic	ng/m^3	BLQ(LOQ 2.0)	HECS/AA/SOP/019 : 2016	6 (Annual)	6 (Annual)
12	Nickel	ng/m^3	BLQ(LOQ 10.0)	HECS/AA/SOP/009 : 2016	20 (Annual)	20 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, $\mu\text{g}/\text{m}^3$ - Micrograms per cubic meter, mg/m^3 - Milligrams per cubic meter, ng/m^3 - Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



Authorized Signatory

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Page 1 of 1

Name of the Client	: M/s. Stelis Biopharma Ltd.,
Address of the Client	: Plot Number 2-D1, Doddaballapur, 3rd Phase, Chadenahalli, Doddaballapur-561 203
Sample Description	: Ambient Air Quality
Sampling Location	: Near ETP
Sample Drawn By	: Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date	: 04/11/2023 -06/11/2023
Analysis Commenced On	: 06/11/2023

Report No. : HEC/SL/AA/003/061123N
Report Date : 09/11/2023

Completed On: 09/11/2023

S.No	Parameters	Units	Results Obtained	Test Method
1	Suspended Particulate Matter	µg/m ³	70.56	IS 5182 (P-4) 1999

Note :-, $\mu\text{g}/\text{m}^3$ - Micrograms per cubic meter.

"'End of Record'"

Authorized Signatory

Jr. High School and University
New York City

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent by HCCS organization. 2. Samples are not drawn by HCCS unless it is specifically mentioned. 3. If any specimen is requested by customer the test items will not be returned more than 15 days from the date of issue of test report. 4. Under no circumstances lab accepts any liability or loss / damage caused by use or misuse of test report after invalidity or lapse of test report. 5. The test results valid only in the test items. i.e. HCCS will not be responsible for the information provided by clients related to samples tested.

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TEST REPORT

Page 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-101, Doddaballapur,
3rd Phase, Ohadenahalli, Doddaballapur-561 203
Sample Description : DG Stack Emission
Sample Mark : DG-I 1010 KVA
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/Received Date : 04/11/2023 - 06/11/2023
Analysis Commenced On : 06/11/2023
CLR No : TC57863M000215847

Report No. : HECS/ST/001/061123
Report Date : 09/11/2023

Completed On : 09/11/2023

S.No.	Parameters	Units	Results	Test Method	CPCB Standards
1	Velocity	m/sec	12.5	IS 11255 (Part 3) 2008	NA
2	Particulate Matter	mg/Nm ³	44.19	IS 11255 (Part-1) 1985	75
3	Sulphur Dioxide	mg/Nm ³	10.75	IS 11255 (Part-2) 1985	NA
4	Oxides of Nitrogen	ppmv	263.22	IS 11255 (Part-3) 2008	710
5	Temperature	°C	172.0	IS 11255 (Part-3) 2008	NA
6	Non Methane Hydro Carbon	mg/Nm ³	BLQ (LOQ 0.1)	115 EPA Method 25 2017	1000

Note: mg/Nm³ - Milligram per Normal cubic meter, °C - Degree Celsius, ppmv - Parts per million by Volume, NA - Not Applicable, m/s - Meter Per Second.

Remarks : Standards are given as per CPCB PCLs / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 kW)).
The Tested Parameters are found within acceptable Limits.

End of Report



Authorized Signatory

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Name of the Client : M/s. Steels BioPharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Chaddeshalli, Doddaballapur-561 203
Sample Description : DG Stack Emission
Sample Mark : DG-U 1010 KVA
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/Received Date : 04/11/2023 : 06/11/2023
Analysis Commenced On : 06/11/2023
L.R.No. : TC578623000021585F

Report No. : HECSL/ST/002/061123
Report Date : 09/11/2023

Completed On : 09/11/2023

S.No.	Parameters	Units	Results	Test Method	CPCB Standards
1	Velocity	m/sec	12.3	IS 11255 (Part-3) 2008	NA
2	Particulate Matter	mg/Nm ³	48.67	IS 11255 (Part-1) 1985	75
3	Sulphur Dioxide	mg/Nm ³	11.30	IS 11255 (Part-2) 1985	NA
4	Oxides of Nitrogen	ppmv	289.15	IS 11255 (Part-2) 2005	210
5	Temperature	°C	181.0	IS 11255 (Part-3) 2008	NA
6	Non Methane Hydro Carbon	mg/Nm ³	BLQ (LOQ 0.1)	USEPA Method 25: 2017	100

Note: mg/Nm³ - Milligram per Normal cubic meter, °C - Degree Celsius, ppmv - Parts per million by Volume, NA - Not Applicable, m/s - Meter Per Second.

Remarks : Standards are given as per CPCB PCLIS / 02/2010 Sixth Edition (Engine Rating more than 0.8 MW (800 KW)).

The Tested Parameters are found within acceptable Limit.

End of Report

Authorized Signatory

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Report No : HECS/TEST/003/061123

Report Date : 09/11/2023

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddabailapur,
3rd Phase, Ohadenahalli, Doddabailapur-561 203
Sample Description : DG Stack Emission
Sample Mark : DG-II 1010 KVA
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 04/11/2023 : 06/11/2023
Analysis Commenced On : 06/11/2023
ULR No. : TC57862300001215868

Completed On : 09/11/2023

S.No.	Parameters	Units	Results	Test Method	CPCB Standards
1	Velocity	m/sec	14.4	IS 11255 (Part-3) 2008	NA
2	Particulate Matter	mg/Nm ³	46.23	IS 11255 (Part 1) 1985	75
3	Sulphur Dioxide	mg/Nm ³	11.89	IS 11255 (Part-2) 1985	NA
4	Oxides of nitrogen	ppmv	28.15	IS 11255 (Part-7) 2006	710
5	Temperature	°C	171.0	IS 11255 (Part-3) 2008	NA
6	Non Methane Hydro Carbon	mg/Nm ³	8142(1.00) 0.11	USEPA Method 35- 2017	100

Notes:-mg/Nm³- Milligram per normal cubic meter, °C- Degree Celsius, ppmv- Parts per million by Volume, NA - Not Applicable, m/s - Meter Per Second.

Remarks : Standards are given as per CPCB PCLIS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);

The Tested Parameters are found within acceptable limit.

End of Report



Authorized Signatory
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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,

Report No : HECS/ST/004/061123

Report Date : 09/11/2023

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Channarayana, Doddaballapur-561 203

Sample Description : Stack Emission

Sample Mark : Boiler-I

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,

Sampling/received Date : 04/11/2023 - 06/11/2023

Analysis Commenced On : 06/11/2023

Completed On : 09/11/2023

TLR No. : TC/S78623000021587P

S.No.	Parameters	Units	Results	Test Method	CPCB Standards
1	Velocity	m/sec	17.6	IS 11255 (Part-3) 2004	NA
2	Particulate Matter	mg/Nm ³	48.62	IS 11255 (Part-1) 1985	1200
3	Sulphur Dioxide	mg/Nm ³	15.29	IS 11255 (Part-2) 1985	100 mg/Nm ³ at 3 % dry O ₂ , for liquid fuel
4	Oxides of Nitrogen	mg/Nm ³	41.70	IS 11255 (Part-3) 2005	100 mg/Nm ³ at 3 % dry O ₂ , for liquid fuel
5	Temperature	°C	165.0	IS 11255 (Part-3) 2004	NA

Notes:-mg/Nm³- Milligram per Normal cubic meter, °C- Degree Celsius, NA - Not Applicable,
m/s - Metre Per Second.

Remarks: The Tested Parameters as above are within the limits of CPCB Stack Emission Standards.

End of Report



Authorized Signatory

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TEST REPORT

Page: 1 of 1

Name of the Client : M/s. Stelis Biopharmas Ltd.,

Report No. : HRC/SL/ST/005/061123

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenehalli, Doddaballapur-561 263

Report Date : 09/11/2023

Sample Description : Stack Emission

Sample Mark : Boiler-11

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,

Sampling/received Date : 04/11/2023 -06/11/2023

Analysis Commenced On : 06/11/2023

Completed On :09/11/2023

U.R. No. : TC 578623000021588F

S.No.	Parameters	Units	Results	Test Method	CPCB Standards
1	Velocity	m/sec	11.3	IS 11255 (Part 3) 2006	NA
2	Particulate Matter	mg/Nm ³	49.64	IS 11255 (Part 1) 1985	1200
3	Sulphur Dioxide	mg/Nm ³	18.44	IS 11255 (Part 2) 1985	600 mg/Nm ³ at 3 % dry O ₂ for liquid fuel
4	Oxides of Nitrogen	mg/Nm ³	36.07	IS 11255 (Part 7) 2006	300 mg/Nm ³ at 3 % dry O ₂ for liquid fuel
5	Temperature	°C	152.0	IS 11255 (Part-1) 2006	NA

Note:-mg/Nm³- Milligram per Normal cubic meter, °C- Degree Celsius, NA - Not Applicable,
m/s - Meter Per Second.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report



Authorized Signatory

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,

Report No. : HECSL/WW/MD1061123

Report Date: 09/11/2023

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Okadannahalli, Doddaballapur-561 303

Sample Description : Waste Water

Sample Mark : ETP Inlet

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,

Sampling/received Date : 03/11/2023 -06/11/2023

Analysis Commenced On : 06/11/2023

Completed On :09/11/2023

ULR No. : FH3TH6234000021589F

S.No.	Parameters	Units	Results	Test Method
1	Total suspended Solids	mg/l	62.0	IS 3025 (Part 1):1984
2	pH @ 25°C	-	7.56	IS 3025 (Part 11): 2012
3	Total Dissolved Solids	mg/l	1654.0	IS 3025 (Part 16): 1994
4	Temperature	°C	25.7	IS 3025 (Part 9):1987
5	Oil & Grease	mg/l	BLQ(L.OQ 4.0)	IS 3025 (Part 39): 2021
6	COD as O ₂	mg/l	256.0	IS 3025 (Part 58): 2006
7	Chloride as Cl	mg/l	376.2	IS 3025 (Part 12): 1988
8	Sulphate as SO ₄	mg/l	172.6	IS 3025 (Part 24): 1986
9	Phenolphthalein Alkalinity as CaCO ₃	mg/l	BLQ(L.OQ 1.0)	IS 3025 (Part 23): 1986
10	Turbidity	NTU	11.6	IS 3025 (Part 10): 1984
11	Total Hardness as CaCO ₃	mg/l	230.0	IS 3025 (Part 21): 1985
12	Residual Free Chlorine	mg/l	BLQ(L.OQ 0.1)	IS 3025 (Part 26): 1986
13	Methyl Orange Alkalinity as CaCO ₃	mg/l	130.0	IS 3025 (Part 23):1986
14	Iron as Fe	mg/l	BLQ(L.OQ 0.02)	IS 3025 (Part 53): 2009

Note :- BLQ - Below the Limit of Quantification, L.OQ- Limit of Quantification, mg/l- Milligrams per litre.

End of Report



Authorized Signatory

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Steels Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
Ard Phase, Obadepahall, Doddaballapur-561 203
Sample Description : Waste Water
Sample Mark : ETP Inlet
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/Received Date : 03/11/2023 : 06/11/2023
Analysis Commenced On : 06/11/2023

Report No. : HRCSLAWW/001/061123N

Report Date : 09/11/2023

Completed On 09/11/2023

S.No.	Parameters	Units	Results	Test Method
1	Total Solids as SiO_2	mg/l	4.18	IS 3025 (Part 35) 1965
2	Sodium as Na	mg/l	146.0	IS 3025 (Part 45) 1993
3	Calcium Hardness as $CaCO_3$	mg/l	200.0	IS 3025 (Part 40) 1994
4	Magnesium Hardness as $CaCO_3$	mg/l	30.0	IS 3025 (Part 40) 1994
5	BOD, 3 days @ 27°C as O_2	mg/l	42.0	IS 3025 (Part 44) 1913

Note : mg/l- Milligrams per litre

End of Report



Authorized Signatory

Dr. PR. J. Srinivas Kumar
Director (Laboratory)



Page : 1 of 2

Report Date: 09/11/2023

Analysis Commenced On : 06/11/2023

Completed On: 09/11/2023

LTIR No. = TC57862300000215900

S.No.	Parameters	Units	Results	Test Method	ISPCB Limits
1	Total suspended Solids	mg/l	18.0	IS 3025 (Part 13) 1981	100 Max
2	pH @ 25°C	-	7.16	IS 3025 (Part 11) 2002	6.0 - 8.5
3	Total Dissolved Solids	mg/l	1043.0	IS 3025 (Part 16) 1981	2100 Max
4	Temperature	°C	28.7	IS 3025 (Part 9) 1981	NA
5	Oil & Grease	mg/l	BLQ(LOQ 4.0)	IS 3025 (Part 39) 2002	10 Max
6	Ammonical Nitrogen as N	mg/l	BLQ(LOQ 0.1)	IS 3025 (Part 34) 1986	50 Max
7	COD as O ₂	mg/l	36.0	IS 3025 (Part 54) 2006	250 Max
8	Lead as Pb	mg/l	BLQ(LOQ 0.1)	IS 3025 (Part 47) 1994	0.1 Max
9	Total Chromium as Cr	mg/l	BLQ(LOQ 0.01)	IS 3025 (Part 52) 2000	2.0 Max
10	Copper as Cu	mg/l	BLQ(LOQ 0.05)	IS 3025 (Part 42) 1992	3.0 Max
11	Zinc as Zn	mg/l	BLQ(LOQ 0.01)	IS 3025 (Part 49) 1994	1.0 Max
12	Chloride as Cl	mg/l	205.5	IS 3025 (Part 32) 1986	600 Max
13	Sulphate as SO ₄	mg/l	120.5	IS 3025 (Part 24) 1986	1000 Max
14	Sulphide as S ₂	mg/l	BLQ(LOQ 0.04)	IS 3025 (Part 29) 1986	2.0 Max
15	Arsenic as As	mg/l	BLQ(LOQ 0.005)	IS 3025 (Part 59) 1998	0.2 Max
16	Mercury as Hg	mg/l	BLQ(LOQ 0.001)	IS 3025 (Part 48) 1994	0.01 Max
17	Cyanide as CN	mg/l	BLQ(LOQ 0.01)	IS 3025 (Part 27) 1986	0.2 Max
18	Phenolic Compounds as C6H5OH	mg/l	BLQ(LOQ 0.01)	IS 3025 (Part 43) 1992	NA
19	Phenolphthalein Alkalinity as CaCO ₃	mg/l	BLQ(LOQ 1.0)	IS 3025 (Part 25) 1986	NA
20	Turbidity	NTU	1.2	IS 3025 (Part 30) 1981	NA

Authorized Signatory

$\Gamma = \{ \gamma_1, \gamma_2, \dots, \gamma_n \}$ is a set of n linearly independent vectors in \mathbb{R}^n .
 Let $\mathbf{A} = [\mathbf{a}_1, \mathbf{a}_2, \dots, \mathbf{a}_n]$ be a matrix whose columns are the vectors \mathbf{a}_i .



Page 2 of 2

Name of the Client	: M/s. Steels Biopharma Ltd.,
Address of the Client	: Plot Number 2-D1, Doddaballapur, 3rd Phase, Obadenahalli, Doddaballapur-561 203
Sample Description	: Waste Water
Sample Mark	: RTP Outlet
Sample Drawn By	: Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date	: 03/11/2023 06/11/2023
Analysis Commenced On	: 06/11/2023
ULR No.	: TC578623000024590F

Report No. : IIECSLAWW/002/061123
Report Date : 09/11/2023

Completed On 309/11/2023

ULR No. : TC570623000021590F

S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
21	Total Hardness as CaCl ₂	mg/l	160.0	IS 3025 (Part 3): 1993	NA
22	Residual Free Chlorine	mg/l	BLQ(LOQ 0.1)	IS 3025 (Part 2): 1993	NA
23	Sodium as Na	mg/l	116.0	IS 3025 (Part 4): 1993	NA
24	Methyl Orange Alkalinity CaCO ₃	mg/l	130.0	IS 3025 (Part 2): 1993	NA
25	Iron as Fe	mg/l	BLQ(LOQ 4.0)	IS 3025 (Part 5): 2003	NA
26	Hexavalent Chromium	mg/l	BLQ(LOQ 0.1)	IS 3025 (Part 12): 2006	0.1 Max

mg/l. Milligrams per litre.

Remarks: ETP Outlet as above parameters meets KSPCB Standards.

End of Report

Authorized Signatory

$$\| \mathcal{L}^* \mathcal{L} u \|_{L^2(\Omega)} \leq \| \mathcal{L}^* \mathcal{L} u \|_{L^2(\Omega)} + \| \mathcal{L}^* \mathcal{L} u \|_{L^2(\Omega)}$$


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Laboratory Services Division

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TEST REPORT

Page: 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-101, Doddahallapur,
3rd Phase, Chandrahalhi, Doddahallapur-561 205
Sample Description : Waste Water
Sample Mark : ETP Outlet
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 03/11/2023 - 06/11/2023
Analysis Commenced On : 06/11/2023

Report No. : HECSTLWW/002006133N
Report Date : 09/11/2023

Completed On : 09/11/2023

S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
1	BOD ₅ , 3 days @ 20 °C as CT	mg/l	5.0	IS 3025 (Part 4):1993	30 Max
2	Total Solids as SiO ₂	mg/l	1.16	IS 3025 (Part 3): 1988	NA
3	Calcium Hardness as CaCO ₃	mg/l	70.0	IS 3025 (Part 40)1994	NA
4	Magnesium Hardness as CaCO ₃	mg/l	50.0	IS 3025 (Part 46)1994	NA
5	Phosphate	mg/l	BLQ(LOQ 0.2)	IS 3025 (Part 31): 1988	NA
6	Benzene	mg/l	BLQ(LOQ 0.01)	USEPA 8270C	NA
7	Xylene	mg/l	BLQ(LOQ 0.01)	USEPA 8270C	0.12 Max
8	Chlorobenzenes		BLQ(LOQ 0.01)	USEPA 8270C	0.2 Max
9	Bioassay Test, Toxicity @ 90% survival of Fish after 96 hours in 100% effluent	%	90	IS 6582(Part 2)2001	NA
10	Methylene Chloride	mg/l	BLQ(LOQ 0.01)	USEPA 8270C	---

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre, %- Percentage.
Remarks: ETP Outlet as above parameters meets KSPCB Standards.

End of Report



Authorized Signatory

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Director, Laboratory Division

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TEST REPORT

Page 1 of 1

Report No. : HECSL/VW/003/061123

Report Date : 09/11/2023

Name of the Client : M/s. Stella Biopharmas Ltd.,
Address of the Client : Plot Number 2-DI, Doddaballapur,
3rd Phase, Ohadenaballi, Doddaballapur-561 203
Sample Description : Waste Water
Sample Mark : STP Outlet
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 03/11/2023 - 06/11/2023
Analysis Commenced On : 06/11/2023

Completed On : 09/11/2023

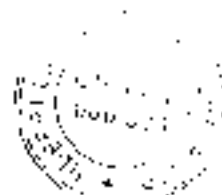
U/LR No. : TL5786230000215915

S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
1	pH @ 25°C	-	7.52	IS 3025 (Part 11) 2002	6.0 - 9.0
2	COD as O ₂	mg/l	44.0	IS 3025 (Part 56) 2006	<MI
3	Total suspended Solids	mg/l	8.0	IS 3025 (Part 17) 1983	<20
4	Ammonical Nitrogen as N	mg/l	3.26	IS 3025 (Part 34) 1988	<5
5	Total Dissolved Solids	mg/l	1056.0	IS 3025 (Part 16) 1984	NA

Note :- mg/l - Milligrams per litre.

Remarks: STP Outlet as above parameters meets KSPCB Limits.

End of Report



Authorized Signatory

Signature of the Authorized Signatory
Date: 09/11/2023

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TEST REPORT

Page 1 of 1

Report No. : HECST/AVW/003/061123N

Report Date : 09/11/2023

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
Jrd Phase, Obadenehalli, Doddaballapur-561 203
Sample Description : Waste Water
Sample Mark : STP Outlet
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 03/11/2023 - 06/11/2023
Analysis Commenced On : 06/11/2023

Completed On : 09/11/2023

S.No.	Parameters	Units	Results	Test Method	KSPCB Limits.
1	Total Nitrogen	mg/l	7.82	IS 3025 (Part 34): 1988	<10
2	BOD ₅ , 3 days @ 27°C ± 0.1	mg/l	10.0	IS 3025 (Part 44): 1999	<10

Note: mg/l - Milligrams per liter.

Remarks: STP Outlet as above parameters meets KSPCB Standards.

End of Report



Authorized Signatory

Dr. RAJESH K. JAYARAMAN
Director (Lab)

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TEST REPORT

Page: 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadesahalli, Doddaballapur-561 203
Sample Description : Waste Water
Sample Mark : STP Outlet
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
Sampling/received Date : 03/11/2023 - 06/11/2023
Analysis Commenced On : 06/11/2023

Report No. : HECSL/MB/001061123
Report Date : 09/11/2023

Completed On 09/11/2023

S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
1	Fecal Coliform	MPN/100ML	90	APHA 24th Edition, Pet. 9221	<100

Notes-MPN-Most Probable Number.

Remarks: STP Effluent as above parameters meets KSPCB Standards.

End of Report



Authorized Signatory

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Director of Laboratory

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Steels Biopharma Ltd.,

Report No : HECSL/VW/004/061123

Address of the Client : Plot Number 2-DI, Doddaballapur,
3rd Phase, Obadenehalli, Doddaballapur 561 203

Report Date : 09/11/2023

Sample Description : Waste Water

Sample Mark : RO Reject

Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,

Sampling/received Date : 04/11/2023 - 06/11/2023

Analysis Commenced On : 06/11/2023

Completed On : 09/11/2023

U.L.R. No. : TCST8623000021592F

S.No	Parameters	Units	Results	Test Method
1	Total suspended Solids	mg/l	78.0	IS 3025 (Part 1) 1984
2	pH @ 25°C		7.65	IS 3025 (Part 1) 2002
4	COD as O ₂	mg/l	256.0	IS 3025 (Part 5) 2006
5	Chloride as Cl ⁻	mg/l	2216.0	IS 3025 (Part 32) 1985
6	Sulphate as SO ₄	mg/l	348.8	IS 3025 (Part 24) 1986
7	Total Hardness as CaCO ₃	mg/l	880.0	IS 3025 (Part 21) 1980

Note :- mg/l- Milligrams per litre.

End of Report



Authorized Signatory

 (Sd/-) **Prasanna Kumar**

 Director

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Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Chaddanahalli, Doddaballapur-561 203
Sample Description : Waste Water
Sample Mark : RO Reject
Sample Drawn By : Hubert Enviro-Care Systems (P) Ltd.,
Sampling/Received Date : 04/11/2023 - 06/11/2023
Analysis Commenced On : 06/11/2023

Report No. : HEC/SLAW/IR/06112/01

Report Date: 09/11/2023

Completed On : 09/11/2023

S.No.	Parameters	Units	Results	Test Method
1	Total Dissolved Solids	mg/l	10676.0	IS 3025 (Part 16) 1994
2	BCOD, 3 days @ 27°C as O ₂	mg/l	46.0	IS 3025 (Part 4) 1993
3	Sodium as Na	mg/l	1050.0	IS 3025 (Part 45) 1993

Note: 1000/1 - Milligrams per litre

End of Report

Authorized Signatory

1. *Chlorophyll a* (Chl *a*)
 2. *Chlorophyll b* (Chl *b*)
 3. *Chlorophyll c* (Chl *c*)
 4. *Chlorophyll d* (Chl *d*)
 5. *Chlorophyll e* (Chl *e*)
 6. *Chlorophyll f* (Chl *f*)
 7. *Chlorophyll g* (Chl *g*)
 8. *Chlorophyll h* (Chl *h*)
 9. *Chlorophyll i* (Chl *i*)
 10. *Chlorophyll j* (Chl *j*)
 11. *Chlorophyll k* (Chl *k*)
 12. *Chlorophyll l* (Chl *l*)
 13. *Chlorophyll m* (Chl *m*)
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 15. *Chlorophyll o* (Chl *o*)
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 19. *Chlorophyll s* (Chl *s*)
 20. *Chlorophyll t* (Chl *t*)
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 26. *Chlorophyll z* (Chl *z*)
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 130. *Chlorophyll azz* (Chl *azz*)
 131. *Chlorophyll azaa* (Chl *aza*)
 132. *Chlorophyll abz* (Chl *abz*)
 133.

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TEST REPORT

Page : 1 of 1

Report No. : HECSLAWW/005/061123

Report Date : 09/11/2023

Name of the Client : M/s. Stelis Biopharma Ltd.,
 Address of the Client : Plot Number 2-D1, Doddaballapur,
 3rd Phase, Obudencholli, Doddaballapur-561 203
 Sample Description : Waste Water
 Sample Mark : RO Permeate
 Sample Drawn By : Hubert Enviro Care Systems (P) Ltd.,
 Sampling/received Date : 03/11/2023 - 06/11/2023
 Analysis Commenced On : 06/11/2023
 GLR No. : TC3786230111021593F

Completed On : 09/11/2023

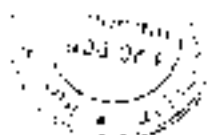
S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
1	Total suspended Solids	mg/l	BLQ(LOQ 1.0)	IS 3025 (Part 1):1984	100
2	pH @ 25°C	-	7.36	IS 3025 (Part 11):2022	5.5 - 9.0
3	Total Dissolved Solids	mg/l	216.0	IS 3025 (Part 16):1984	2100
4	COD as O ₂	mg/l	BLQ(LOQ 4.0)	IS 3025 (Part 56):2006	250
5	Phenolic Compounds as C ₆ H ₅ OH	mg/l	BLQ(LOQ 0.06)	IS 3025 (Part 43):1992	1.0
6	Total Hardness as CaCO ₃	mg/l	20.0	IS 3025 (Part 21):1983	NA
7	Sulphide as S ₂	mg/l	BLQ(LOQ 0.04)	IS 3025 (Part 29):1986	2.0
8	Lead as Pb	mg/l	BLQ(LOQ 0.1)	IS 3025 (Part 47):1984	0.1
9	Phosphorous	mg/l	BLQ(LOQ 0.2)	IS 3025 (Part 31):1983	5 Max
10	Ammonical Nitrogen as N	mg/l	BLQ(LOQ 0.2)	IS 3025 (Part 34):1983	50
11	Total Chromium as Cr	mg/l	BLQ(LOQ 0.01)	IS 3025 (Part 52):2006	2.0
12	Copper as Cu	mg/l	BLQ(LOQ 0.05)	IS 3025 (Part 42):1982	3.0
13	Zinc as Zn	mg/l	BLQ(LOQ 0.01)	IS 3025 (Part 49):1984	1.0
14	Arsenic as As	mg/l	BLQ(LOQ 0.005)	IS 3025 (Part 37):1983	0.2
15	Mercury as Hg	mg/l	BLQ(LOQ 0.001)	IS 3025 (Part 48):1984	0.01
16	Cyanide as CN	mg/l	BLQ(LOQ 0.01)	IS 3025 (Part 27):1986	0.2
17	Hexavalent Chromium	mg/l	BLQ(LOQ 0.1)	IS 3025 (Part 52):2006	0.1Max

Note :- BLQ - Below the Limit of Quantification, LOQ - Limit of Quantification, mg/l Milligrams per litre.

Remarks: ETP RO Permeate as above parameters meets KSPCB Limits.

End of Report

Authorized Signatory



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Page: 1011

Name of the Client	: M/s. Stella Biopharma Ltd.,
Address of the Client	Plot Number 2-01, Doddaballapur, Art Phase, Chadenahalli, Doddaballapur-561 203
Sample Description	: Waste Water
Sample Mark	: RQ Permeate
Sample Drawn By	: Hubert Enviro Care Systems (P) Ltd.,
Sampling/received On	: 03/11/2023 -06/11/2023
Analysis Commenced On	: 06/11/2023

Report No. : HRCNSI/AVW/005/051023N
Report Date : 09/11/2023

Completed On 20/11/2023

S.No.	Parameters	Units	Results	Test Method	KSPCR Limits
1	BOD, 5 days @ 27°C, as O2	mg/l	BLQ(LOQ 1.0)	IS 3025 (Part 44):1991	30
2	Biassay Test: Toxicity (fr 90% survival of fish after 96 hours in 100% effluent)	%	100	IS 6583 (Part 3):2001	90% survival of fish after first 96 hours in 100% effluent
3	Benzene	mg/l	DLQ(LOQ 0.01)	USEPA 8270C	N/A
4	Xylene	mg/l	HLQ(XLOQ 0.01)	USEPA 8230C	0.12 Max
5	Chlorobenzenes	mg/l	BLQ(XLOQ 0.01)	USEPA 8270C	0.2 Max
6	Methyl-ene Chloride	ug/l	HLQ(XLOQ 0.01)	USEPA 8270C	0.9 Max

Note :- BLO - Below the Limit of Quantification, LOQ - Limit of Quantification, mg/L - Milligrams per litre.

Remarks: RO Permeate as above Parameters meets KSPCB Standards

“Fuel of Fear”

Authorized Signatory

1. *What is the purpose of the study?*
 2. *What are the research objectives?*
 3. *What is the research methodology?*
 4. *What are the results of the study?*
 5. *What are the conclusions of the study?*
 6. *What are the limitations of the study?*
 7. *What are the implications of the study?*
 8. *What are the future research directions?*
 9. *What are the contributions of the study?*
 10. *What are the key findings of the study?*

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent by HECIS organization. 2. Samples are not drawn by HECIS unless so authorized. 3. Unless specifically requested by customer the test items will not be returned more than 15 days from the date of issue of final report. 4. Under no circumstances will accept any liability for loss or damage caused by use or misuse of test report after receiving or failure of test report. 5. The test results relate only to the test items. 6. HECIS will not be responsible for the information obtained by client beyond the samples tested.

HECS/Q/FMT/50

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stells Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Daddaballapur,
3rd Phase, Obadenshalli, Daddaballapur-561 203
Sample Description : Noise Monitoring
Sample Mark : Ambient Noise
Sample Drawn By : Hubert Enviro Care Systems (P) Ltd..
Sampling/received Date : 03/11/2023 - 06/11/2023
Analysis Commenced On : 06/11/2023
ULR No. : TC578623000021583P

Report No. : HECSL/AN/001/061123
Report Date : 09/11/2023

Completed On : 09/11/2023

S.No	Time Hrs	Monitoring Location & Hourly Leq Noise Levels in dB(A)		
		Near Main Gate	Near ETP Area	Near Ware House
1	06-07	60.5	56.5	53.9
2	07-08	62.7	55.7	52.4
3	08-09	61.5	60.5	56.4
4	09-10	62.1	66.8	55.3
5	10-11	61.2	60.1	54.5
6	11-12	62.8	61.4	53.1
7	12-13	63.4	56.3	53.2
8	13-14	63.7	56.7	54.2
9	14-15	64.6	53.5	56.0
10	15-16	63.5	54.8	57.0
11	16-17	61.6	56.5	55.2
12	17-18	60.7	58.5	54.4
13	18-19	61.0	53.5	54.1
14	19-20	62.1	54.9	53.1
15	20-21	63.5	57.7	52.5
16	21-22	57.5	53.9	50.7
17	22-23	57.4	57.5	50.2
18	23-24	58.1	55.3	54.7
19	00-01	57.1	53.6	58.7
20	01-02	56.4	57.4	51.5
21	02-03	56.6	52.0	52.5
22	03-04	54.5	51.2	53.5
23	04-05	56.4	51.8	52.4
24	05-06	57.5	49.6	51.9
I	Ld	62.3	58.0	59.2
II	Ln	56.4	53.7	54.2
III	Ldn	61.1	56.9	54.9

Limits set by CPCB:

i.	Industrial Area	: Day Time-75 dB (A);	Night Time-70 dB (A)
ii.	Commercial Area	: Day Time-65 dB (A);	Night Time-55 dB (A)
iii.	Residential Area	: Day Time-55 dB (A);	Night Time-45 dB (A)
iv.	Silence Zone	: Day Time-50 dB (A);	Night Time-40 dB (A)

Note: Monitoring Time represents 24 hours from 6:00 am to 6:00am next day.

Legend: Leq- Equivalent Noise Level (hourly); Ld- Day Time Equivalent Noise Level (06:00-22:00 hrs);

Ln- Night Time Equivalent Noise Level (22:00-06:00 hrs); and Ldn- 24 hourly Equivalent Noise Level.

End of Report

Hubert Enviro Care Systems (P) Ltd.
Chennai - 600 083

Authorized Signatory

Signature of Authorized Signatory
Date: 09/11/2023

Hubert Enviro Care Systems (P) Ltd.

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Ambient Air(All)
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : Near Main Gate
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 51.0
Sampling Method & Plan : IS 5182 PART5 & PART 14
Instruments Name & SLNo : Respirable Dust Sampler (RDS) & APM 460 -540-C-2023
Calibration Due date : 17/04/2024

ULR : TC1231023000004106F
Report No. : HECS/AP/006/061223
Sample ID No : 061223006
Sampling Date : 05/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 11/12/2023
Sample quantity : NA

Instruments Name & SLNo : Fine Particulate Sampler (FPS) & APM 550MINI-1288-D-2023
Calibration Due date : 17/04/2024

Discipline : Chemical						
S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
1	Lead	µg/m³	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene-AAQ	µg/m³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene-AAQ	ng/m³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m³	8.67	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m³	22.87	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m³	13.39	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m³	45.60	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m³	18.56	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m³	10.25	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)
13	Total Suspended Particular Matter	µg/m³	64.16	IS 5182 (Part 4) 1999	NA	NA

Note: BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³-Milligrams per cubic meter, ng/m³-Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



M.Sivaprakasam
Lab Manager
Authorized Signatory

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**TEST REPORT**

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Name of the Client : M/s. Stelis Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Group : Atmospheric Pollution

Sample Name : Ambient Air(All)

Sample Mark : NA

Sample Reference : NA

Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.

Sample Location : Near DP Block

Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 52.0

Sampling Method & Plan : IS 5182 PARTS & PART 14

Instruments Name & Sl.No : Respirable Dust Sampler (RDS) & APM 460 -537 -C-23

Calibration Due date : 17/04/2024

ULR : TC1231023000004107F

Report No. : HECS/AP/007/061223

Sample ID No : 061223007

Sampling Date : 05/12/2023

Received Date : 06/12/2023

Commenced Date : 06/12/2023

Completed On : 09/12/2023

Report Date : 11/12/2023

Sample quantity : NA

Instruments Name & Sl.No : Fine Particulate Sampler (FPS) & APM 550MINI-1287-D-2023

Calibration Due date : 17/04/2024

Discipline : Chemical						
S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
1	Lead	µg/m³	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene-AAQ	µg/m³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene-AAQ	ng/m³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m³	6.31	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m³	22.85	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m³	10.85	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m³	48.13	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m³	25.76	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m³	11.49	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)
13	Total Suspended Particular Matter	µg/m³	73.89	IS 5182 (Part 4) 1999	NA	NA

Note: BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³-Milligrams per cubic meter, ng/m³-Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-DI, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Ambient Air(Air)
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : Near ETP
Environmental Condition : Temperature (°C) : 31.0 Humidity (%) : 51.0
Sampling Method & Plan : IS 5182 PART5 & PART 14
Instruments Name & S.No : Respirable Dust Sampler (RDS) & APM 460 -525-B-2023
Calibration Due date : 28/02/2024

ULR : TC1231023000004282F
Report No. : HECS/AP/008/061223
Sample ID No : 061223008
Sampling Date : 05/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 11/12/2023
Report Date : 12/12/2023
Sample quantity : NA

Instruments Name & S.No : Fine Particulate Sampler (FPS) & APM 550MINI-1273-B-2023
Calibration Due date : 28/02/2024

Discipline : Chemical						
S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
1	Lead	µg/m³	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	µg/m³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene-AAQ	µg/m³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene-AAQ	ng/m³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m³	7.41	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m³	24.39	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m³	11.53	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m³	42.16	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m³	19.32	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m³	9.75	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)
13	Total Suspended Particular Matter	µg/m³	60.48	IS 5182 (Part 4) 1999	NA	NA

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³-Milligrams per cubic meter, ng/m³-Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG 1 - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 51.0
Sampling Method & Plan : IS 11255

ULR : TC1231023000004108F
Report No. : HECS/AP/009/061223
Sample ID No : 061223009
Sampling Date : 05/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 11/12/2023
Sample quantity : NA

Discipline : Chemical					
S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Flue Gas Temperature	°C	165.0	IS 11255 (Part 3) 2008	NA
2	Flue Gas Velocity	m/s	13.6	USEPA Method 1 2017	NA
3	Sulphur dioxide (SO ₂)	mg/Nm ³	8.53	ASTM Method D6522 (by Flue gas Analyzer) 2000	NA
4	Particulate Matter	mg/Nm ³	41.87	IS 11255 (Part 1)	75
5	Nitrogen Dioxide	ppmv	372.19	IS 11255 (Part 7)	710

Note:-mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius, ppmv- Parts per million by Volume, NA - Not Applicable, m/s - Meter Per Second.

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);
The Tested Parameters are found within acceptable Limit.

End of Report




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TEST REPORT

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Name of the Client	: M/s. Stelis Biopharma Ltd.,	No. Sample	: HECS/AP/009/061223N
Address of the Client	: Plot Number 2-D1, Doddaballapur, 3rd Phase, Obadenahalli, Doddaballapur-561 203	ID No	: 061223009
Group	: Atmospheric Pollution	Sampling Date	: 05/12/2023
Sample Name	: DG Stack Emission above 800 KVA	Received Date	: 06/12/2023
Sample Mark	: DG I - 1010KVA	Commenced Date	: 06/12/2023
Sample Reference	: NA	Completed On	: 09/12/2023
Sample Drawn By	: M/s.Hubert Enviro care Systems (P) Ltd.	Report Date	: 11/12/2023
Sample Location	: NA	Sample quantity	: NA
Environmental Condition	: Temperature (°C) : 31.0 Humidity (%) : 51.0		
Sampling Method & Plan	: IS 11255		

Discipline : Chemical					
S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Non Methane Hydrocarbon	mg/Nm ³	BLQ(LOQ 0.2)	HECS-G/INS/SOP/056	100

Note:-mg/Nm³- Milligrams per Normal cubic meter, NA - Not Applicable,

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW); The Tested Parameters are found within acceptable Limit.

End of Report




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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG II - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 50.0
Sampling Method & Plan : IS 11255

ULR : TC1231023000004109F
Report No. : HECS/AP/010/061223
Sample ID No : 061223010
Sampling Date : 05/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 11/12/2023
Sample quantity : NA

Discipline : Chemical					
S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Flue Gas Temperature	°C	187.0	IS 11255 (Part 3) 2008	NA
2	Flue Gas Velocity	m/s	11.5	USEPA Method 1 2017	NA
3	Sulphur dioxide (SO ₂)	mg/Nm ³	13.46	ASTM Method D6522 (by Flue gas Analyzer) 2000	NA
4	Particulate Matter	mg/Nm ³	45.82	IS 11255 (Part 1)	75
5	Nitrogen Dioxide	ppmv	279.67	IS 11255 (Part 7)	710

Note:-mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius, ppmv- Parts per million by Volume, NA - Not Applicable, m/s - Meter Per Second.

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);

The Tested Parameters are found within acceptable Limit.

End of Report




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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Ohadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG II - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 50.0
Sampling Method & Plan : IS 11255

Report No. : HECS/AP/010/061223N
Sample ID No : 061223010
Sampling Date : 05/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 11/12/2023
Sample quantity : NA


Discipline : Chemical					
S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Non Methane Hydrocarbon	mg/Nm ³	BLQ(LOQ 0.2)	HECS-G/INS/SOP/056	100

Note:-mg/Nm³- Milligrams per Normal cubic meter, NA - Not Applicable,

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW); The Tested Parameters are found within acceptable Limit.

End of Report




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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : Boiler I
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 52.0
Sampling Method & Plan : IS 11255

ULR : TC1231023000003941F
Report No. : HECS/AP/12/061223
Sample ID No : 061223012
Sampling Date : 05/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 09/12/2023
Sample quantity : NA


Discipline : Chemical					
S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Flue Gas Velocity	m/sec	16.3	IS 11255 (Part 3) 2008	NA
2	Particulate matter (PM)	mg/Nm ³	43.71	IS 11255 Part 1 1985	CNTE 150
3	Sulphur dioxide (SO ₂)	mg/Nm ³	12.55	IS 11255 (Part 2) 1985	600
4	Nitrogen dioxide (NO ₂)	ppmv	37.41	ASTM Method D6522 (by Flue gas Analyzer) 2000	300
5	Flue Gas Temperature	°C	158.0	IS 11255 (Part 3) 2008	NA

Note:-mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius, ppmv- Parts per million by Volume, NA - Not Applicable, m/s - Meter Per Second.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report




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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : Boiler II
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 52.0
Sampling Method & Plan : IS 11255

ULR : TC1231023000003942F
Report No. : HECS/AP/13/061223
Sample ID No : 061223013
Sampling Date : 05/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 09/12/2023
Sample quantity : NA

Discipline : Chemical					
S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Flue Gas Velocity	m/sec	10.6	IS 11255 (Part 3) 2008	NA
2	Particulate matter (PM)	mg/Nm ³	45.33	IS 11255 Part 1 1985	CNTE 150
3	Sulphur dioxide (SO ₂)	mg/Nm ³	16.81	IS 11255 (Part 2) 1985	600
4	Nitrogen dioxide (NO ₂)	ppmv	163.0	ASTM Method D6522 (by Flue gas Analyzer) 2000	300
5	Flue Gas Temperature	°C	155.0	IS 11255 (Part 3) 2008	NA

Note:-mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius, ppmv- Parts per million by Volume, NA - Not Applicable, m/s - Meter Per Second.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report




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Laboratory Services Division

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obudenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(AH)
Sample Mark : QC Scrubber Exhaust I
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 52.0
Sampling Method & Plan : IS 11255


ULR : TC1231023000004110F
Report No. : HECS/AP/14/061223
Sample ID No : 061223014
Sampling Date : 05/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 11/12/2023
Sample quantity : NA

Discipline : Chemical				
S.No.	Test Parameters	Units	Results	Test Method
1	Acid Mist as H2SO4	mg/m ³	BLQ (LOQ: 0.01)	HECS-G/INS/SOP/056 Issue No.:01
2	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	2531.0	IS 11255 (Part 3) 2008
3	Flue Gas Temperature	°C	49.0	IS 11255 (Part 3) 2008

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
mg/Nm³- Milligrams per Normal cubic meter.

End of Report




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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust I
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 52.0
Sampling Method & Plan : IS 11255

Report No. : HECS/AP/14/061223N
Sample ID No : 061223014
Sampling Date : 05/12/2023


Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 11/12/2023
Sample quantity : NA

Discipline : Chemical				
S.No.	Test Parameters	Units	Results	Test Method
1	Chlorine	mg/Nm ³	BLQ(LOQ 0.1)	IS 11255

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
mg/Nm³- Milligrams per Normal cubic meter.

End of Report




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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust II
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 51.0
Sampling Method & Plan : IS 11255


ULR : TC1231023000004111F
Report No. : HECS/AP/15/061223
Sample ID No : 061223015
Sampling Date : 05/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 11/12/2023
Sample quantity : NA

Discipline : Chemical				
S.No.	Test Parameters	Units	Results	Test Method
1	Acid Mist as H ₂ SO ₄	mg/m ³	BLQ (LOQ: 0.01)	HECS-G/INS/SOP/056 Issue No.:01
2	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	434.0	IS 11255 (Part 3) 2008
3	Flue Gas Temperature	°C	52.0	IS 11255 (Part 3) 2008

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
mg/Nm³- Milligrams per Normal cubic meter.

End of Report




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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(Air)
Sample Mark : QC Scrubber Exhaust II
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 51.0
Sampling Method & Plan : IS 11255

Report No. : HECS/AP/15/061223N
Sample ID No : 061223015
Sampling Date : 05/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 11/12/2023
Sample quantity : NA

Discipline : Chemical				
S.No.	Test Parameters	Units	Results	Test Method
1	Chlorine	mg/Nm ³	BLQ(LOQ 0.1)	IS 11255

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
mg/Nm³- Milligrams per Normal cubic meter.

End of Report




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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(AH)
Sample Mark : QC Scrubber Exhaust III
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 50.0
Sampling Method & Plan : IS 11255


ULR : TC1231023000004112F
Report No. : HECS/AP/16/061223
Sample ID No : 061223016
Sampling Date : 05/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 11/12/2023
Sample quantity : NA

Discipline : Chemical				
S.No.	Test Parameters	Units	Results	Test Method
1	Acid Mist as H ₂ SO ₄	mg/m ³	BLQ (LOQ: 0.01)	HECS-G/INS/SOP/056 Issue No.:01
2	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	4289.0	IS 11255 (Part 3) 2008
3	Flue Gas Temperature	°C	54.0	IS 11255 (Part 3) 2008

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
mg/Nm³- Milligrams per Normal cubic meter.

End of Report




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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust III
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 50.0
Sampling Method & Plan : IS 11255

Report No. : HECS/AP/16/061223N
Sample ID No : 061223016
Sampling Date : 05/12/2023

Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 11/12/2023
Sample quantity : NA

Discipline : Chemical				
S.No.	Test Parameters	Units	Results	Test Method
1	Chlorine	mg/Nm ³	BLQ(LOQ 0.1)	IS 11255

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
mg/Nm³. Milligrams per Normal cubic meter.

End of Report




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Page : 1 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : ETP Inlet
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 52.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

ULR : TC1231023000003978F
Report No. : HECS/PE/001/061223
Sample ID No : 061223018
Sampling Date : 04/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 11/12/2023
Report Date : 11/12/2023
Sample quantity : 2 Litres

Discipline : Chemical				
S.No.	Parameters	Units	Results	Test Method
1	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	38.0	IS 3025 (Part 44) 1993
2	Calcium Hardness as CaCO ₃	mg/l	150.0	APHA 23rd Edn 3500 Ca B: 2017
3	Chemical Oxygen Demand (COD)	mg/l	226.0	IS 3025 (Part 58) 2006
4	Chloride as Cl ⁻	mg/l	346.8	IS 3025 (Part 32) Clause 2 1988
5	Free Residual Chlorine	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 26) Clause 5 2021
6	Iron as Fe	mg/l	BLQ (LOQ 0.02)	IS 3025 (Part 53) Clause 6 2003
7	Magnesium Hardness as CaCO ₃	mg/l	30.0	APHA 23rd Edn 3500 Mg B 2017
8	Methyl orange Alkalinity as CaCO ₃	mg/l	110.0	IS: 3025 (Part 23) 1986
9	Oil and grease	mg/l	BLQ (LOQ 4.0)	IS : 3025 (Part 39) Clause 5 2021
10	pH value @ 25 ° C	-	7.48	IS 3025 (Part 11) Clause 2 2022
11	Phenolphthalin Alkalinity as CaCO ₃	mg/l	BLQ (LOQ 1.0)	IS: 3025 (Part 23) 1986
12	Total Silica as SiO ₂	mg/l	3.86	IS 3025 (Part 35) Clause 2 1988
13	Sodium as Na	mg/l	128.0	IS: 3025 (Part 45) Clause 5 1993
14	Sulphate as SO ₄ ²⁻	mg/l	146.2	IS:3025 (Part 24) Clause 4 1986
15	Temperature	°C	26.7	IS:3025 (Part 09) 1984
16	Total dissolved solids @ 180° C	mg/l	1528.0	IS 3025 (Part 16) 1984
17	Total Hardness as CaCO ₃	mg/l	180.0	IS 3025 (Part 21) Clause 5 2009



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TEST REPORT

Page : 2 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : ETP Inlet
Sample Reference : NA
Sample Draws By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 52.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

ULR : TC1231023000003978F
Report No. : HECS/PE/L/061223
Sample ID No : 061223018
Sampling Date : 04/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 11/12/2023
Report Date : 11/12/2023
Sample quantity : 2 Litres

Discipline : Chemical				
S.No.	Parameters	Units	Results	Test Method
18	Total suspended solids @ 105° C	mg/l	56.0	IS: 3025 (Part 17) 1984
19	Turbidity	NTU	10.2	APHA 23rd Edn 2130 B 2017

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre, °C - Degree Celsius,
NTU- Nephelometric Turbidity Unit.

End of Report




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TC-12310

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TEST REPORT

Page : 1 of 3

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : ETP Outlet
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 53.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

ULR : TC1231023000004311F
Report No. : HECS/PE/016/061223
Sample ID No : 061223065
Sampling Date : 04/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 12/12/2023
Sample quantity : 2 Litres

Discipline : Chemical					
S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
1	Arsenic	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 Revision 5.4: 1994	0.2
2	Chromium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 Revision 5.4: 1994	2.0
3	Copper	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	3.0
4	Zinc	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	1.0
5	Ammonical Nitrogen as NH ₃ -N	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 34) Clause 2.5 1988	50
6	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	4.0	IS 3025 (Part 44) 1993	30
7	Calcium Hardness as CaCO ₃	mg/l	50.0	APHA 23rd Edn 3500 Ca B: 2017	NA
8	Chemical Oxygen Demand (COD)	mg/l	28.0	IS 3025 (Part 58) 2006	250
9	Chloride as Cl ⁻	mg/l	196.2	IS 3025 (Part 32) Clause 2 1988	1000
10	Cyanide as CN	mg/l	BLQ (LOQ 0.01)	IS 3025 Part 27 Clause 2 1986	0.2
11	Free Residual Chlorine	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 26) Clause 5 2021	NA
12	Hexavalent Chromium as Cr ⁶⁺	mg/l	BLQ (LOQ 0.05)	IS 3025 (Part 52) Clause 6 2003	0.1Max
13	Iron as Fe	mg/l	BLQ (LOQ 0.02)	IS 3025 (Part 53) Clause 6 2003	NA
14	Magnesium Hardness as CaCO ₃	mg/l	70.0	APHA 23rd Edn 3500 Mg B 2017	NA




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**TEST REPORT**

Page : 2 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : ETP Outlet
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 53.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

U/LR : TC1231023000004311F
Report No. : HECS/PE/016/061223
Sample ID No : 061223065
Sampling Date : 04/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 12/12/2023
Sample quantity : 2 Litres

Discipline : Chemical					
S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
15	Methyl orange Alkalinity as CaCO ₃	mg/l	140.0	IS: 3025 (Part 23) 1986	NA
16	Oil and grease	mg/l	BLQ (LOQ 4.0)	IS : 3025 (Part 39) Clause 5 2021	10
17	pH value @ 25 ° C	-	7.58	IS 3025 (Part 11) Clause 2 2022	5.5 - 9.0
18	Phenolphthalin Alkalinity as CaCO ₃	mg/l	BLQ (LOQ 1.0)	IS: 3025 (Part 23) 1986	NA
19	Phenolic compound	mg/l	BLQ (LOQ 0.01)	IS 3025 (Part 43) Clause 5 1992	1.0
20	Phosphate as PO ₄ -	mg/l	BLQ (LOQ 0.2)	HECS-G/ENV/WW/SOP/006 Issue No.:01 Issue Date:02/07 2020	NA
21	Total Silica as SiO ₂	mg/l	1.32	IS 3025 (Part 35) Clause 2 1988	NA
22	Sodium as Na	mg/l	110.0	IS: 3025 (Part 45) Clause 5 1993	NA
23	Sulphate as SO ₄ -	mg/l	126.7	IS:3025 (Part 24) Clause 4 1986	1000
24	Sulphide as S ₂ -	mg/l	BLQ (LOQ 1.0)	IS 3025 (Part 29) Clause 2 1986	2.0
25	Temperature	°C	26.7	IS:3025 (Part 09) 1984	40
26	Total dissolved solids @ 180° C	mg/l	1088.0	IS 3025 (Part 16) 1984	2100
27	Total Hardness as CaCO ₃	mg/l	120.0	IS 3025 (Part 21) Clause 5 2009	NA
28	Total suspended solids @ 105° C	mg/l	12.0	IS: 3025 (Part 17) 1984	100
29	Turbidity	NTU	1.4	APHA 23rd Edn 2130 B 2017	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre, %- Percentage.

Remarks: ETP Outlet as above parameters meets KSPCB Standards.

End of Report



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Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : ETP Outlet
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 53.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

Report No. : HECS/PE/016/061223N
Sample ID No : 061223065
Sampling Date : 04/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 12/12/2023
Sample quantity : 2 Litres


Discipline : Chemical					
S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
1	Benzene	mg/l	BLQ(LOQ 0.01)	HECSG/INS/SOP/021	NA
2	Xylene	mg/l	BLQ(LOQ 0.01)	HECSG/INS/SOP/021	0.12 Max
3	Chlorobenzene	mg/l	BLQ(LOQ 0.01)	HECSG/INS/SOP/021	0.2 Max
4	Methylene Chloride	mg/l	BLQ(LOQ 0.01)	HECSG/INS/SOP/021	0.9 Max
5	Mercury	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	0.01
6	Lead	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	0.1
7	Ammonical Nitrogen as NH ₃ -N	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 34) Clause 2.5 : 1988	50
8	Bioassay Test, Toxicity @ 90% survival of Fish after 96 hours in 100% effluent	%	90.0	IS 6582 (Part 2) 2001	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre, %- Percentage.

Remarks: ETP Outlet as above parameters meets KSPCB Standards.

End of Report




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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : STP Outlet
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 51.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

ULR : TC1231023000003979F
Report No. : HECS/PE/002/061223
Sample ID No : 061223019
Sampling Date : 04/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 11/12/2023
Report Date : 11/12/2023
Sample quantity : 2 Litres


Discipline : Chemical					
S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
1	Ammonical Nitrogen as NH ₃ -N	mg/l	3.42	IS 3025 (Part 34) Clause 2.5 1988	< 5
2	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	10.0	IS 3025 (Part 44) 1993	20
3	Chemical Oxygen Demand (COD)	mg/l	40.0	IS 3025 (Part 58) 2006	< 50
4	pH value @ 25 ° C	-	7.42	IS 3025 (Part 11) Clause 2 2022	6.0 - 9.0
5	Total dissolved solids @ 180° C	mg/l	988.0	IS 3025 (Part 16) 1984	NA
6	Total Nitrogen as N	mg/l	7.68	HECS-G/ENV/WW/SOP/004 Issue No.:01 Issue Date:02:07 1988	-
7	Total suspended solids @ 105° C	mg/l	6.0	IS: 3025 (Part 17) 1984	< 20

Note :- mg/l- Milligrams per litre.

Remarks: STP Outlet as above parameters meets KSPCB Standards.

End of Report




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**TEST REPORT**

Page : 1 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : RO Permeate
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 51.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

ULR : TC1231023000004312F
Report No. : HECS/PE/017/061223
Sample ID No : 061223066
Sampling Date : 04/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 12/12/2023
Sample quantity : 2 Litres

Discipline : Chemical					
S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
1	Arsenic	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 Revision 5.4: 1994	0.2
2	Chromium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 Revision 5.4: 1994	2.0
3	Copper	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	3.0
4	Zinc	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	1.0
5	Ammonical Nitrogen as NH ₃ -N	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 34) Clause 2.5 1988	50
6	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	BLQ (LOQ 2.0)	IS 3025 (Part 44) 1993	30
7	Chemical Oxygen Demand (COD)	mg/l	BLQ (LOQ 4.0)	IS 3025 (Part 58) 2006	250
8	Cyanide as CN	mg/l	BLQ (LOQ 0.01)	IS 3025 Part 27 Clause 2 1986	0.2
9	Hexavalent Chromium as Cr6+	mg/l	BLQ (LOQ 0.05)	IS 3025 (Part 52) Clause 6 2003	0.1Max
10	pH value @ 25 ° C	-	7.26	IS 3025 (Part 11) Clause 2 2022	5.5 - 9.0
11	Phenolic compound	mg/l	BLQ (LOQ 0.01)	IS 3025 (Part 43) Clause 5 1992	1.0
12	Phosphorus as P	mg/l	BLQ (LOQ 0.1)	APHA 23 rd Edn. 4500 P-B,D 2017	5 Max
13	Sulphide as S2-	mg/l	BLQ (LOQ 1.0)	IS 3025 (Part 29) Clause 2 1986	2.0




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TEST REPORT

Page : 2 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(AB)
Sample Mark : RO Permeate
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 51.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

ULR : TC1231023000004312F
Report No. : HECS/PE/017/061223
Sample ID No : 061223066
Sampling Date : 04/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 12/12/2023
Sample quantity : 2 Litres

Discipline : Chemical					
S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
14	Total dissolved solids @ 180° C	mg/l	186.0	IS 3025 (Part 16) 1984	2100
15	Total Hardness as CaCO ₃	mg/l	10.0	IS 3025 (Part 21) Clause 5 2009	NA
16	Total suspended solids @ 105° C	mg/l	BLQ (LOQ 2.0)	IS: 3025 (Part 17) 1984	100

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre.

Remarks: ETP RO Permeate as above parameters meets KSPCB Limits.

End of Report


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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : RO Reject
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 50.0
Sampling Method & Plan : IS 17614 PART-10 : 2021


ULR : TC1231023000003980F
Report No. : HECS/PE/3/061223
Sample ID No : 061223020
Sampling Date : 04/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 11/12/2023
Report Date : 11/12/2023
Sample quantity : 2 Litres

Discipline : Chemical				
S.No.	Parameters	Units	Results	Test Method
1	Bio-Chemical Oxygen Demand(BOD) 3 days @ 27 ° C	mg/l	41.0	IS 3025 (Part 44) 1993
2	Chemical Oxygen Demand (COD)	mg/l	228.0	IS 3025 (Part 58) 2006
3	Chloride as Cl-	mg/l	2126.0	IS 3025 (Part 32) Clause 2 1988
4	pH value @ 25 ° C	-	7.52	IS 3025 (Part 11) Clause 2 2022
5	Sodium as Na	mg/l	980.0	IS: 3025 (Part 45) Clause 5 1993
6	Sulphate as SO42-	mg/l	356.8	IS:3025 (Part 24) Clause 4 1986
7	Total dissolved solids @ 180° C	mg/l	10158.0	IS 3025 (Part 16) 1984
8	Total Hardness as CaCO3	mg/l	840.0	IS 3025 (Part 21) Clause 5 2009
9	Total suspended solids @ 105° C	mg/l	22.0	IS: 3025 (Part 17) 1984

Note :- mg/l- Milligrams per litre.

End of Report




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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Ambient Noise Levels (Excluding vibration)
Sample Mark : Noise
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 9989 1981

ULR : TC1231023000004283F
Report No. : HECS/AP/017/061223
Sample ID No : 061223017
Sampling Date : 04/12/2023
Received Date : 06/12/2023
Commenced Date : 06/12/2023
Completed On : 09/12/2023
Report Date : 12/12/2023
Sample quantity : NA

S.No	Time Hrs	Monitoring Location & Hourly Leq Noise Levels in dB(A)		
		Near Main Gate	Near ETP Area	Near Ware House
1	06-07	61.3	55.3	57.8
2	07-08	59.8	60.1	56.5
3	08-09	60.3	61.3	53.2
4	09-10	61.4	58.8	54.2
5	10-11	62.8	59.1	53.4
6	11-12	61.5	60.4	55.9
7	12-13	62.3	58.6	48.8
8	13-14	61.5	57.4	49.6
9	14-15	61.7	56.3	51.4
10	15-16	58.8	53.5	53.5
11	16-17	59.9	54.4	52.8
12	17-18	58.8	55.6	52.4
13	18-19	60.3	53.8	51.6
14	19-20	61.4	55.6	48.3
15	20-21	58.4	51.8	47.7
16	21-22	57.1	52.9	51.3
17	22-23	56.5	55.8	52.2
18	23-24	57.8	53.5	51.7
19	00-01	61.2	57.8	54.6
20	01-02	56.8	56.4	48.7
21	02-03	55.4	51.8	44.3
22	03-04	53.6	57.6	43.5
23	04-05	57.2	52.0	41.6
24	05-06	56.5	44.6	42.3
I	Ld	60.7	57.4	53.3
II	Ln	57.4	55.0	49.8
III	Ldn	59.9	56.8	52.4

Limits set by CPCB:

i.	Industrial Area	: Day Time-75 dB (A);	Night Time-70 dB (A).
ii.	Commercial Area	: Day Time-65 dB (A);	Night Time-55 dB (A).
iii.	Residential Area	: Day Time-55 dB (A);	Night Time-45 dB (A).
iv.	Silence Zone	: Day Time-50 dB (A);	Night Time-40 dB (A).

Note: Monitoring Date represents 24 hours from 6:00 am to 6:00am next day.

Legend: Leq- Equivalent Noise Level (hourly); Ld-Day Time Equivalent Noise Level (06:00-22:00 hrs);

Ln-Night Time Equivalent Noise Level (22:00-06:00 hrs); and Ldn-24 hourly Equivalent Noise Level.



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TC-12310

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Stells Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Group : Atmospheric Pollution

Sample Name : Ambient Air(AI)

Sample Mark : NA

Sample Reference : NA

Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.

Sample Location : Near Main Gate

Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 51.0

Sampling Method & Plan : IS 5182 PART 5 & PART 14

Instruments Name & SI.No : Respirable Dust Sampler (RDS) & APM 460-540-C-2023

Calibration Due date : 17/04/2024

U.L.R : TC1231024000001320F

Report No. : HECS/AP/034/030124

Sample ID No : 030124079

Sampling Date : 02/01/2024

Received Date : 03/01/2024

Commenced Date : 03/01/2024

Completed On : 06/01/2024

Report Date : 09/01/2024

Sample quantity : NA

Instruments Name & SI.No : Fine Particulate Sampler (FPS) & APM 550MINI-1288-D-2023

Calibration Due date : 17/04/2024

Discipline : Chemical						
S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
1	Lead	µg/m³	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	µg/m³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene-AAQ	µg/ m³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene-AAQ	ng/m³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/ m³	5.91	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/ m³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/ m³	26.53	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m³	10.27	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m³	58.63	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m³	33.19	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m³	13.89	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)
13	Total Suspended Particular Matter	µg/m³	91.82	IS 5182 (Part 4) 1999	NA	NA

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, ng/m³-Milligrams per cubic meter, ng/m³-Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Ambient Air(AII)
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : Near DP Block
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 55.0
Sampling Method & Plan : IS 5182 PART 5 & PART 14
Instruments Name & Sl.No : Respirable Dust Sampler (RDS) & APM 460 -537 -C-23
Calibration Due date : 17/04/2024
Instruments Name & Sl.No : Fine Particulate Sampler (FPS) & APM 550MINI-1287-D-2023
Calibration Due date : 17/04/2024

ULR : TC1231024000001321F
Report No. : HECS/AP/035/030124
Sample ID No : 030124080
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 06/01/2024
Report Date : 09/01/2024
Sample quantity : NA

Discipline : Chemical						
S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
1	Lead	µg/m³	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene-AAQ	µg/m³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene-AAQ	ng/m³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m³	8.37	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m³	BLQ (LOQ:0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m³	19.61	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m³	13.49	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m³	45.76	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m³	22.81	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m³	9.33	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)
13	Total Suspended Particular Matter	µg/m³	68.57	IS 5182 (Part 4) 1999	NA	NA

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³-Milligrams per cubic meter, ng/m³-Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



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TEST REPORT

Page : 1 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Ambient Air(Air)
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : Near ETP
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 52.0
Sampling Method & Plan : IS 5182 PART 5 & PART 14
Instruments Name & SI.No : Respirable Dust Sampler (RDS) & APM 460 -525-B-2023
Calibration Due date : 28/02/2024

ULR : TC1231024000001541F
Report No. : HECS/AP/036/030124
Sample ID No : 030124081
Sampling Date : 02/01/2024

Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 06/01/2024
Report Date : 09/01/2024
Sample quantity : NA

Instruments Name & SI.No : Fine Particulate Sampler (FPS) & APM 550MINI-1273-B-2023
Calibration Due date : 28/02/2024

Discipline : Chemical						
S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
1	Lead	µg/m³	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	µg/m³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	µg/m³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene-AAQ	µg/m³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene-AAQ	ng/m³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m³	6.2	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m³	BLQ (LOQ:0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m³	21.83	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m³	12.17	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m³	38.49	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m³	19.86	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m³	12.45	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)
13	Total Suspended Particular Matter	µg/m³	58.35	IS 5182 (Part 4) 1999	NA	NA

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³-Milligrams per cubic meter, ng/m³-Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG 1 - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 53.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000001322F
Report No. : HECS/AP/37/030124
Sample ID No : 030124082
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 06/01/2024
Report Date : 09/01/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Flue Gas Temperature	°C	173.0	IS 11255 (Part 3) 2008	NA
2	Flue Gas Velocity	m/s	12.1	USEPA Method 1 2017	NA
3	Sulphur dioxide (SO ₂)	mg/Nm ³	11.86	ASTM Method D6522 (by Flue gas Analyzer) 2000	NA
4	Particulate Matter	mg/Nm ³	35.53	IS 11255 (Part 1)	75
5	Nitrogen Dioxide	mg/Nm ³	284.70	IS 11255 (Part 7)	710

Note:-mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius, ppmv- Parts per million by Volume, NA - Not Applicable, m/s - Meter Per Second.

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);

The Tested Parameters are found within acceptable Limit.

End of Report



M. Sivaprakasam
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Authorized Signatory

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Laboratory Services Division

(Chemical & Biological Testing)
FSSAI Notified Laboratory
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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG I - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 53.0
Sampling Method & Plan : IS 11255

Report No. : HECS/AP/37/030124N
Sample ID No : 030124082
Sampling Date : 02/01/2024

Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 06/01/2024
Report Date : 09/01/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Non Methane Hydrocarbon	mg/Nm ³	BLQ(LOQ 0.2)	HECS-G/INS/SOP/056	100

Note:-mg/Nm³- Milligrams per Normal cubic meter.

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);

The Tested Parameters are found within acceptable Limit.

End of Report




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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG II - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 51.0
Sampling Method & Plan : IS 11255

U.I.R : TC1231024000001323F
Report No. : HECS/AP/38/030124
Sample ID No : 030124083
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 06/01/2024
Report Date : 09/01/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Flue Gas Temperature	°C	169.0	IS 11255 (Part 3) 2008	NA
2	Flue Gas Velocity	m/s	10.7	USEPA Method 1 2017	NA
3	Sulphur dioxide (SO ₂)	mg/Nm ³	9.31	ASTM Method D6522 (by Flue gas Analyzer) 2000	NA
4	Particulate Matter	mg/Nm ³	51.26	IS 11255 (Part 1)	75
5	Nitrogen Dioxide	mg/Nm ³	253.19	IS 11255 (Part 7)	710

Note:-mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius, ppmv- Parts per million by Volume, NA - Not Applicable, m/s - Meter Per Second.

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);

The Tested Parameters are found within acceptable Limit.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG II - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 51.0
Sampling Method & Plan : IS 11255

Report No. : HECS/AP/38/030124N

Sample ID No : 030124083

Sampling Date : 02/01/2024

Received Date : 03/01/2024

Commenced Date : 03/01/2024

Completed On : 06/01/2024

Report Date : 09/01/2024

Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Non Methane Hydrocarbon	mg/Nm ³	BLQ(LOQ 0.2)	HECS-G/INS/SOP/056	100

Note:-mg/Nm³- Milligrams per Normal cubic meter.

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);

The Tested Parameters are found within acceptable Limit.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG III - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 53.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000001324F
Report No. : HECS/AP/39/030124
Sample ID No : 030124084
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 06/01/2024
Report Date : 09/01/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Flue Gas Temperature	°C	157.0	IS 11255 (Part 3) 2008	NA
2	Flue Gas Velocity	m/s	12.3	USEPA Method 1 2017	NA
3	Sulphur dioxide (SO ₂)	mg/Nm ³	8.97	ASTM Method D6522 (by Flue gas Analyzer) 2000	NA
4	Particulate Matter	mg/Nm ³	37.15	IS 11255 (Part 1)	75
5	Nitrogen Dioxide	mg/Nm ³	244.23	IS 11255 (Part 7)	710

Note:-mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius, ppmv- Parts per million by Volume, NA - Not Applicable, m/s - Meter Per Second.

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);

The Tested Parameters are found within acceptable Limit.

End of Report



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Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG III - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 53.0
Sampling Method & Plan : IS 11255

Report No. : HECS/AP/39/030124N
Sample ID No : 030124084
Sampling Date : 02/01/2024

Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 06/01/2024
Report Date : 09/01/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Non Methane Hydrocarbon	mg/Nm ³	BLQ(LOQ 0.2)	HECS-G/INS/SOP/056	100


Note:-mg/Nm³- Milligrams per Normal cubic meter.

Remarks :-Standards are given as per CPCB PCLIS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);

The Tested Parameters are found within acceptable Limit.

End of Report




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TEST REPORT

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ULR : TC1231024000001325F

Report No. : HECS/AP/40/030124

Sample ID No : 030124085

Sampling Date : 02/01/2024

Name of the Client : M/s. Stelis Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Ohadenahalli, Doddaballapur-561 203

Group : Atmospheric Pollution

Sample Name : Stack Emission(All)

Sample Mark : Boiler I

Sample Reference : NA

Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.

Sample Location : NA

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 50.0

Sampling Method & Plan : IS 11255

Received Date : 03/01/2024

Commenced Date : 03/01/2024

Completed On : 06/01/2024

Report Date : 09/01/2024

Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Flue Gas Velocity	m/sec	15.9	IS 11255 (Part 3) 2008	NA
2	Particulate matter (PM)	mg/Nm ³	48.33	IS 11255 Part 1 1985	CNTE 150
3	Sulphur dioxide (SO ₂)	mg/Nm ³	10.89	IS 11255 (Part 2) 1985	600
4	Nitrogen dioxide (NO ₂)	mg/Nm ³	46.25	ASTM Method D6522 (by Flue gas Analyzer) 2000	300
5	Flue Gas Temperature	°C	165.0	IS 11255 (Part 3) 2008	NA

Note:-mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius, ppmv- Parts per million by Volume, NA - Not Applicable, m/s - Meter Per Second.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : Boiler II
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 52.0
Sampling Method & Plan : IS 11255

U/LR : TC1231024000001326F
Report No. : HECS/AP/41/030124
Sample ID No : 030124086
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 06/01/2024
Report Date : 09/01/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Flue Gas Velocity	m/sec	9.3	IS 11255 (Part 3) 2008	NA
2	Particulate matter (PM)	mg/Nm ³	39.81	IS 11255 Part 1 1985	CNTE 150
3	Sulphur dioxide (SO ₂)	mg/Nm ³	12.54	IS 11255 (Part 2) 1985	600
4	Nitrogen dioxide (NO ₂)	mg/Nm ³	182.0	ASTM Method D6522 (by Flue gas Analyzer) 2000	300
5	Flue Gas Temperature	°C	172.0	IS 11255 (Part 3) 2008	NA

Note:-mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius, ppmv- Parts per million by Volume, NA - Not Applicable, m/s - Meter Per Second.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report




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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Ohadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust I
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 51.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000001327F
Report No. : HECS/AP/42/030124
Sample ID No : 030124087
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 06/01/2024
Report Date : 09/01/2024
Sample quantity : NA

Discipline : Chemical				
S.No.	Test Parameters	Units	Results	Test Method
1	Acid Mist as H2SO4	mg/m ³	BLQ (LOQ: 0.01)	HECS-G/INS/SOP/056 Issue No.:01
2	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	2412.0	IS 11255 (Part 3) 2008
3	Flue Gas Temperature	°C	44.0	IS 11255 (Part 3) 2008

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
mg/Nm³- Milligrams per Normal cubic meter.

End of Report




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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust I
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 51.0
Sampling Method & Plan : IS 11255

Report No. : HECS/AP/42/030124N
Sample ID No : 030124087
Sampling Date : 02/01/2024


Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 06/01/2024
Report Date : 09/01/2024
Sample quantity : NA

Discipline : Chemical				
S.No.	Test Parameters	Units	Results	Test Method
1	Chlorine	mg/Nm ³	BLQ(LOQ 0.1)	IS 11255

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter.

End of Report




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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust II
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 52.0
Sampling Method & Plan : IS 11255


ULR : TC1231024000001328F
Report No. : HECS/AP/43/030124
Sample ID No : 030124088
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 06/01/2024
Report Date : 09/01/2024
Sample quantity : NA

Discipline : Chemical				
S.No.	Test Parameters	Units	Results	Test Method
1	Acid Mist as H2SO4	mg/m ³	BLQ (LOQ: 0.01)	HECS-G/INS/SOP/056 Issue No.:01
2	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	471.0	IS 11255 (Part 3) 2008
3	Flue Gas Temperature	°C	55.0	IS 11255 (Part 3) 2008

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
mg/Nm³- Milligrams per Normal cubic meter.

End of Report




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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stells Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust II
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 52.0
Sampling Method & Plan : IS 11255


Report No. : HECS/AP/43/030124N
Sample ID No : 030124088
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 06/01/2024
Report Date : 09/01/2024
Sample quantity : NA

Discipline : Chemical				
S.No.	Test Parameters	Units	Results	Test Method
1	Chlorine	mg/Nm ³	BLQ(LOQ 0.1)	IS 11255

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter.

End of Report




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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust III
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 54.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000001329F
Report No. : HECS/AP/44/030124
Sample ID No : 030124089
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 06/01/2024
Report Date : 09/01/2024
Sample quantity : NA

Discipline : Chemical				
S.No.	Test Parameters	Units	Results	Test Method
1	Acid Mist as H2SO4	mg/m ³	BLQ (LOQ: 0.01)	HECS-G/INS/SOP/056 Issue No.01
2	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	4417.0	IS 11255 (Part 3) 2008
3	Flue Gas Temperature	°C	49.0	IS 11255 (Part 3) 2008

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
mg/Nm³- Milligrams per Normal cubic meter.

End of Report



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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust III
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 54.0
Sampling Method & Plan : IS 11255

Report No. : HECS/AP/44/030124N
Sample ID No : 030124089
Sampling Date : 02/01/2024

Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 06/01/2024
Report Date : 09/01/2024
Sample quantity : NA

Discipline		: Chemical		
S.No.	Test Parameters	Units	Results	Test Method
I	Chlorine	mg/Nm ³	BLQ(LOQ 0.1)	IS 11255

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter.

End of Report



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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : Fire Hydrant DG
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 53.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000001331F
Report No. : HECS/AP/046/030124
Sample ID No : 030124091
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 06/01/2024
Report Date : 09/01/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Flue Gas Velocity	m/sec	9.1	IS 11255 (Part 3) 2008	NA
2	Particulate matter (PM)	g/kw-hr	0.049	IS 11255 Part 1 1985	≤ 0.2
3	Sulphur dioxide (SO ₂)	g/kw-hr	0.012	IS 11255 (Part 2) 1985	NA
4	Nitrogen dioxide (NO ₂)	g/kw-hr	0.247	ASTM Method D6522 (by Flue gas Analyzer) 2000	≤ 4.0(NO _x +HC)
5	Flue Gas Temperature	°C	168.0	IS 11255 (Part 3) 2008	NA

Note:- g/kW-hr- Gram per Kilowatt Hour, °C- Degree Celsius, NA - Not Applicable, m/s - Meter Per Second.

Remarks :- Standards are given as per CPCB notification no. G.S.R.771 (E) dated 11th December, 2013

(Engine Rating less than 0.8 M W (800 KW); The Tested Parameters are found in acceptable Limit.

End of Report



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Laboratory Services Division

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TEST REPORT

Page : 1 of 2

ULR : TC1231024000001543F
Report No. : HECS/PE/021/030124
Sample ID No : 030124096
Sampling Date : 02/01/2024

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : ETP Outlet
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 53.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 08/01/2024
Report Date : 09/01/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
Discipline : Chemical					
1	Arsenic	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 Revision 5.4: 1994	0.2
2	Chromium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 Revision 5.4: 1994	2.0
3	Copper	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	3.0
4	Zinc	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	1.0
5	Ammonical Nitrogen as NH ₃ -N	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 34) Clause 2.5 1988	50
6	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	5.0	IS 3025 (Part 44) 1993	30
7	Calcium Hardness as CaCO ₃	mg/l	70.0	APHA 23rd Edn 3500 Ca B: 2017	NA
8	Chemical Oxygen Demand (COD)	mg/l	36.0	IS 3025 (Part 58) 2006	250
9	Chloride as Cl ⁻	mg/l	172.8	IS 3025 (Part 32) Clause 2 1988	1000
10	Cyanide as CN	mg/l	BLQ (LOQ 0.01)	IS 3025 Part 27 Clause 2 1986	0.2
11	Free Residual Chlorine	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 26) Clause 5 2021	NA
12	Hexavalent Chromium as Cr ⁶⁺	mg/l	BLQ (LOQ 0.05)	IS 3025 (Part 52) Clause 6 2003	0.1 Max
13	Iron as Fe	mg/l	BLQ (LOQ 0.02)	IS 3025 (Part 53) Clause 6 2003	NA
14	Magnesium Hardness as CaCO ₃	mg/l	80.0	APHA 23rd Edn 3500 Mg B 2017	NA
15	Methyl orange Alkalinity as CaCO ₃	mg/l	160.0	IS: 3025 (Part 23) 1986	NA



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TEST REPORT

Page : 2 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : ETP Outlet
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 53.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

ULR : TC1231024000001543F
Report No. : HECS/PE/021/030124
Sample ID No : 030124096
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 08/01/2024
Report Date : 09/01/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
16	Oil and grease	mg/l	BLQ (LOQ 4.0)	IS : 3025 (Part 39) Clause 5 2021	10
17	pH value @ 25 ° C	-	7.72	IS 3025 (Part 11) Clause 2 2022	5.5 - 9.0
18	Phenolphthalein Alkalinity as CaCO ₃	mg/l	BLQ (LOQ 1.0)	IS: 3025 (Part 23) 1986	NA
19	Phenolic compound	mg/l	BLQ (LOQ 0.01)	IS 3025 (Part 43) Clause 5 1992	1.0
20	Phosphate as PO ₄ -	mg/l	BLQ (LOQ 0.2)	HECS-G/ENV/WW/SOP/006 Issue No.:01 Issue Date:02/07 2020	NA
21	Total Silica as SiO ₂	mg/l	1.46	IS 3025 (Part 35) Clause 2 1988	NA
22	Sodium as Na	mg/l	106.0	IS: 3025 (Part 45) Clause 5 1993	1000
23	Sulphate as SO ₄ -	mg/l	118.72	IS:3025 (Part 24) Clause 4 1986	2.0
24	Sulphide as S ²⁻	mg/l	BLQ (LOQ 1.0)	IS 3025 (Part 29) Clause 2 1986	40
24	Temperature	°C	26.2	IS:3025 (Part 09) 1984	2100
25	Total dissolved solids @ 180° C	mg/l	1074.0	IS 3025 (Part 16) 1984	2100
26	Total Hardness as CaCO ₃	mg/l	150.0	IS 3025 (Part 21) Clause 5 2009	NA
27	Total suspended solids @ 105° C	mg/l	16.0	IS: 3025 (Part 17) 1984	100
28	Turbidity	NTU	1.8	APHA 23rd Edn 2130 B 2017	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre, %- Percentage.

Remarks: ETP Outlet as above parameters meets KSPCB Standards.

***End of
Report***



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TEST REPORT

Page : 1 of 2

ULR : TC1231024000001544F

Report No. : HECS/PE/022/030124

Sample ID No : 030124097

Sampling Date : 02/01/2024

Name of the Client : M/s. Stelis Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Ohadenahalli, Doddaballapur-561 203

Group : Pollution & Environment

Sample Name : Waste Water(All)

Sample Mark : RO Permeate

Sample Reference : NA

Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.

Sample Location : NA

Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 51.0

Sampling Method & Plan : IS 17614 PART-10 : 2021

Received Date : 03/01/2024

Commenced Date : 03/01/2024

Completed On : 08/01/2024

Report Date : 09/01/2024

Sample quantity : 2 Litres

Discipline : Chemical					
S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
1	Arsenic	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 Revision 5.4: 1994	0.2
2	Chromium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 Revision 5.4: 1994	2.0
3	Copper	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	3.0
4	Zinc	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	1.0
5	Ammonical Nitrogen as NH ₃ -N	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 34) Clause 2.5 1988	50
6	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	BLQ (LOQ 2.0)	IS 3025 (Part 44) 1993	30
7	Chemical Oxygen Demand (COD)	mg/l	BLQ (LOQ 4.0)	IS 3025 (Part 58) 2006	250
8	Cyanide as CN	mg/l	BLQ (LOQ 0.01)	IS 3025 Part 27 Clause 2 1986	0.2
9	Hexavalent Chromium as Cr6+	mg/l	BLQ (LOQ 0.05)	IS 3025 (Part 52) Clause 6 2003	0.1 Max
10	pH value @ 25 ° C	-	7.32	IS 3025 (Part 11) Clause 2 2022	5.5 - 9.0
11	Phenolic compound	mg/l	BLQ (LOQ 0.01)	IS 3025 (Part 43) Clause 5 1992	1.0
12	Phosphorus as P	mg/l	BLQ (LOQ 0.1)	APHA 23 rd Edn. 4500 P-B,D 2017	5 Max
13	Sulphide as S ²⁻	mg/l	BLQ (LOQ 1.0)	IS 3025 (Part 29) Clause 2 1986	2.0



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TEST REPORT

Page : 2 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : RO Permeate
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 51.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

U.L.R : TC1231024000001544F
Report No. : HECS/PE/022/030124
Sample ID No : 030124097
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 08/01/2024
Report Date : 09/01/2024
Sample quantity : 2 Litres

Discipline : Chemical					
S.No.	Parameters	Units	Results	Test Method	KSPCB Limits
14	Total dissolved solids @ 180° C	mg/l	152.0	IS 3025 (Part 16) 1984	2100
15	Total Hardness as CaCO ₃	mg/l	12.0	IS 3025 (Part 21) Clause 5 2009	NA
16	Total suspended solids @ 105° C	mg/l	BLQ (LOQ 2.0)	IS: 3025 (Part 17) 1984	100

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre.

Remarks: ETP RO Permeate as above parameters meets KSPCB Limits.

End of Report



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TEST REPORT

Page : 1 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : RO Permeate
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

ULR : TC1231024000001544F
Report No. : HECS/PE/022/030124
Sample ID No : 030124097
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 08/01/2024
Report Date : 09/01/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
Discipline : Chemical					
1	Arsenic	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 Revision 5.4: 1994	0.2
2	Chromium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 Revision 5.4: 1994	2.0
3	Copper	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	3.0
4	Zinc	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	0.2
7	Ammonical Nitrogen as NH ₃ -N	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 34) Clause 2.5 1988	
8	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	BLQ (LOQ 2.0)	IS 3025 (Part 44) 1993	30
9	Chemical Oxygen Demand (COD)	mg/l	BLQ (LOQ 4.0)	IS 3025 (Part 58) 2006	250
10	Cyanide as CN	mg/l	BLQ (LOQ 0.01)	IS 3025 Part 27 Clause 2 1986	0.2
11	Hexavalent Chromium as Cr6+	mg/l	BLQ (LOQ 0.05)	IS 3025 (Part 52) Clause 6 2003	0.1Max
12	pH value @ 25 ° C	-	7.32	IS 3025 (Part 11) Clause 2 2022	5.5 - 9.0
13	Phenolic compound	mg/l	BLQ (LOQ 0.01)	IS 3025 (Part 43) Clause 5 1992	1.0
14	Phosphorus as P	mg/l	BLQ (LOQ 0.1)	APHA 23 rd Edn. 4500 P-B,D 2017	5 Max
15	Sulphide as S ²⁻	mg/l	BLQ (LOQ 1.0)	IS 3025 (Part 29) Clause 2 1986	2.0



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TEST REPORT

Page : 2 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : RO Permeate
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

ULR : TC1231024000001544F
Report No. : HECS/PE/022/030124
Sample ID No : 030124097
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 08/01/2024
Report Date : 09/01/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
16	Total dissolved solids @ 180° C	mg/l	152.0	IS 3025 (Part 16) 1984	2100
17	Total Hardness as CaCO3	mg/l	12.0	IS 3025 (Part 21) Clause 5 2009	NA
18	Total suspended solids @ 105° C	mg/l	BLQ (LOQ 2.0)	IS: 3025 (Part 17) 1984	100

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre.

Remarks: ETP RO Permeate as above parameters meets KSPCB Limits.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : RO Reject
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 51.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

ULR : TC1231024000001334F
Report No. : HECS/PE/019/030124
Sample ID No : 030124094
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 08/01/2024
Report Date : 09/01/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	38.0	IS 3025 (Part 44) 1993
2	Chemical Oxygen Demand (COD)	mg/l	272.0	IS 3025 (Part 58) 2006
3	Chloride as Cl-	mg/l	2186.0	IS 3025 (Part 32) Clause 2 1988
4	pH value @ 25 ° C	-	7.82	IS 3025 (Part 11) Clause 2 2022
5	Sodium as Na	mg/l	1012.0	IS: 3025 (Part 45) Clause 5 1993
6	Sulphate as SO42-	mg/l	428.6	IS:3025 (Part 24) Clause 4 1986
7	Total dissolved solids @ 180° C	mg/l	10538.0	IS 3025 (Part 16) 1984
8	Total Hardness as CaCO3	mg/l	870.0	IS 3025 (Part 21) Clause 5 2009
9	Total suspended solids @ 105° C	mg/l	24.0	IS: 3025 (Part 17) 1984

Note :- mg/l- Milligrams per litre.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : ETP Inlet
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 50.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

ULR : TC1231024000001332F
Report No : HECS/PE/017/030124
Sample ID No : 030124092
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 08/01/2024
Report Date : 09/01/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	42.0	IS 3025 (Part 44) 1993
2	Calcium Hardness as CaCO3	mg/l	160.0	APHA 23rd Edn 3500 Ca B: 2017
3	Chemical Oxygen Demand (COD)	mg/l	258.0	IS 3025 (Part 58) 2006
4	Chloride as Cl-	mg/l	358.4	IS 3025 (Part 32) Clause 2 1988
5	Free Residual Chlorine	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 26) Clause 5 2021
6	Iron as Fe	mg/l	BLQ (LOQ 0.02)	IS 3025 (Part 53) Clause 6 2003
7	Magnesium Hardness as CaCO3	mg/l	50.0	APHA 23rd Edn 3500 Mg B 2017
8	Methyl orange Alkalinity as CaCO3	mg/l	120.0	IS: 3025 (Part 23) 1986
9	Oil and grease	mg/l	BLQ (LOQ 4.0)	IS : 3025 (Part 39) Clause 5 2021
10	pH value @ 25 ° C	-	7.32	IS 3025 (Part 11) Clause 2 2022
11	Phenolphthalin Alkalinity as CaCO3	mg/l	BLQ (LOQ 1.0)	IS: 3025 (Part 23) 1986
12	Total Silica as SiO2	mg/l	3.58	IS 3025 (Part 35) Clause 2 1988
13	Sodium as Na	mg/l	156.0	IS: 3025 (Part 45) Clause 5 1993
14	Sulphate as SO42-	mg/l	162.9	IS 3025 (Part 24) Clause 4 1986
15	Temperature	°C	26.4	IS:3025 (Part 09) 1984
16	Total dissolved solids @ 180° C	mg/l	1426.0	IS 3025 (Part 16) 1984
17	Total Hardness as CaCO3	mg/l	210.0	IS 3025 (Part 21) Clause 5 2009
18	Total suspended solids @ 105° C	mg/l	48.0	IS: 3025 (Part 17) 1984
19	Turbidity	NTU	9.4	APHA 23rd Edn 2130 B 2017

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre, °C - Degree Celcius,
NTU- Nephelometric Turbidity Unit.

End of Report



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**TEST REPORT**

Page : 1 of 3

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : ETP Outlet
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

ULR : TC1231024000001543F
Report No. : HECS/PE/021/030124
Sample ID No : 030124096
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 08/01/2024
Report Date : 09/01/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
Discipline : Chemical					
1	Arsenic	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 Revision 5.4: 1994	0.2
2	Chromium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 Revision 5.4: 1994	2.0
3	Copper	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	3.0
4	Zinc	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	1.0
7	Ammonical Nitrogen as NH ₃ -N	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 34) Clause 2.5: 1988	
8	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	5.0	IS 3025 (Part 44): 1993	30
9	Calcium Hardness as CaCO ₃	mg/l	70.0	APHA 23rd Edn 3500 Ca B: 2017	NA
10	Chemical Oxygen Demand (COD)	mg/l	36.0	IS 3025 (Part 58): 2006	250
11	Chloride as Cl ⁻	mg/l	172.8	IS 3025 (Part 32) Clause 2: 1988	1000
12	Cyanide as CN	mg/l	BLQ (LOQ 0.01)	IS 3025 Part 27 Clause 2: 1986	0.2
13	Free Residual Chlorine	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 26) Clause 5: 2021	NA
14	Hexavalent Chromium as Cr6 ⁺	mg/l	BLQ (LOQ 0.05)	IS 3025 (Part 52) Clause 6: 2003	0.1Max
15	Iron as Fe	mg/l	BLQ (LOQ 0.02)	IS 3025 (Part 53) Clause 6: 2003	NA
16	Magnesium Hardness as CaCO ₃	mg/l	80.0	APHA 23rd Edn 3500 Mg B: 2017	NA
17	Methyl orange Alkalinity as CaCO ₃	mg/l	160.0	IS: 3025 (Part 23): 1986	NA



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TEST REPORT

Page : 2 of 3

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : ETP Outlet
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

ULR : TC1231024000001543F
Report No. : HECS/PE/021/030124
Sample ID No : 030124096
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 08/01/2024
Report Date : 09/01/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
18	Oil and grease	mg/l	BLQ (LOQ 4.0)	IS : 3025 (Part 39) Clause 5 : 2021	10
19	pH value @ 25 ° C	-	7.72	IS 3025 (Part 11) Clause 2 : 2022	5.5 - 9.0
20	Phenolphthalin Alkalinity as CaCO ₃	mg/l	BLQ (LOQ 1.0)	IS: 3025 (Part 23) 1986	NA
21	Phenolic compound	mg/l	BLQ (LOQ 0.01)	IS 3025 (Part 43) Clause 5 : 1992	1.0
22	Phosphate as PO ₄ -	mg/l	BLQ (LOQ 0.2)	HECS-G/ENV/WW/SOP/006 Issue No.:01 Issue Date:02/07 : 2020	NA
23	Total Silica as SiO ₂	mg/l	1.46	IS 3025 (Part 35) Clause 2 : 1988	NA
24	Sodium as Na	mg/l	106.0	IS: 3025 (Part 45) Clause 5 : 1993	NA
25	Sulphate as SO ₄ -	mg/l	118.72	IS:3025 (Part 24) Clause 4 : 1986	1000
26	Sulphide as S ₂ -	mg/l	BLQ (LOQ 1.0)	IS 3025 (Part 29) Clause 2 : 1986	2.0
27	Temperature	°C	26.2	IS: 3025 (Part 09) : 1984	40
28	Total dissolved solids @ 180° C	mg/l	1074.0	IS 3025 (Part 16) : 1984	2100
29	Total Hardness as CaCO ₃	mg/l	150.0	IS 3025 (Part 21) Clause 5 : 2009	NA
30	Total suspended solids @ 105° C	mg/l	16.0	IS: 3025 (Part 17) : 1984	100
31	Turbidity	NTU	1.8	APHA 23rd Edn 2130 B : 2017	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre, %- Percentage.

Remarks: ETP Outlet as above parameters meets KSPCB Standards.

End of Report



M.Sivaprakasam
Lab Manager
Authorized Signatory

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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : STP Outlet
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 52.0
Sampling Method & Plan : IS 17614 PART-10 : 2021

ULR : TC1231024000001333F
Report No. : HECS/TE/018/030124
Sample ID No : 030124093
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 08/01/2024
Report Date : 09/01/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
Discipline : Chemical					
1	Ammonical Nitrogen as NH ₃ -N	mg/l	2.72	IS 3025 (Part 34) Clause 2.5 1988	< 5
2	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	8.0	IS 3025 (Part 44) 1993	20
3	Chemical Oxygen Demand (COD)	mg/l	36.0	IS 3025 (Part 58) 2006	< 50
4	pH value @ 25 ° C	-	7.48	IS 3025 (Part 11) Clause 2 2022	6.0 - 9.0
5	Total dissolved solids @ 180° C	mg/l	786.0	IS 3025 (Part 16) 1984	NA
6	Total Nitrogen as N	mg/l	6.74	HECS-G/ENV/WW/SOP/004 Issue No.:01 Issue Date:02.07 1988	-
7	Total suspended solids @ 105° C	mg/l	8.0	IS: 3025 (Part 17) 1984	< 20

Note :- mg/l- Milligrams per litre.

Remarks: STP Outlet as above parameters meets KSPCB Standards.

End of Report



D.Anusuya
Deputy Quality Manager
Authorized Signatory

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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Effluents & Waste
Sample Mark : STP Outlet
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 22.0 | Humidity (%) : 46.0
Sampling Method & Plan : APHA 23rd Edition Part 9260

ULR : TC1231024000001335F
Report No. : HECS/PE/020/030124
Sample ID No : 030124095
Sampling Date : 02/01/2024
Received Date : 03/01/2024
Commenced Date : 04/01/2024
Completed On : 07/01/2024
Report Date : 09/01/2024
Sample quantity : 100 ml

S.No.	Test Parameters	Units	Results	Test Method	Limits
Discipline : Biological					
1	Faecal Coliform	MPN/100ml	70	APHA 23rd Edition Part 9221	<100

Note:-MPN-Most Probable Number.

Remarks: STP Outlet as above parameters meets KSPCB Standards.

End of Report




A. Sathish Kumar
Microbiologist - Head
Authorized Signatory

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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Ambient Noise Levels (Excluding vibration)
Sample Mark : Noise
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 9989 1981

ULR : TC1231024000001330F
Report No. : HECS/AP/045/030124
Sample ID No : 030124090
Sampling Date : 02/01/2024

Received Date : 03/01/2024
Commenced Date : 03/01/2024
Completed On : 04/01/2024
Report Date : 09/01/2024
Sample quantity : NA

S.No	Time Hrs	Monitoring Location & Hourly Leq Noise Levels in dB(A)		
		Near Main Gate	Near ETP Area	Near Ware House
1	06-07	60.5	53.8	55.3
2	07-08	55.3	58.9	55.1
3	08-09	58.6	55.3	52.0
4	09-10	63.5	53.5	53.2
5	10-11	60.4	56.1	51.2
6	11-12	58.8	59.1	53.2
7	12-13	65.7	61.2	45.3
8	13-14	58.8	55.3	43.2
9	14-15	46.8	61.0	52.3
10	15-16	55.5	55.3	54.5
11	16-17	54.6	53.2	53.8
12	17-18	58.9	54.6	53.3
13	18-19	61.3	53.5	52.3
14	19-20	62.3	54.3	45.3
15	20-21	55.3	56.0	43.6
16	21-22	57.5	48.9	53.2
17	22-23	59.9	48.6	48.8
18	23-24	53.6	45.0	45.6
19	00-01	56.3	46.3	55.3
20	01-02	61.2	45.6	44.3
21	02-03	54.3	43.2	44.2
22	03-04	55.2	51.3	42.8
23	04-05	53.2	53.3	40.0
24	05-06	50.6	41.3	41.1
I	Ld	60.6	56.7	52.4
II	Ln	56.9	48.5	48.3
III	Ldn	59.2	55.3	51.4

Limits set by CPCB:

i.	Industrial Area	: Day Time-75 dB (A);	Night Time-70 dB (A).
ii.	Commercial Area	: Day Time-65 dB (A);	Night Time-55 dB (A).
iii.	Residential Area	: Day Time-55 dB (A);	Night Time-45 dB (A).
iv.	Silence Zone	: Day Time-50 dB (A);	Night Time-40 dB (A).

Note: Monitoring Date represents 24 hours from 6:00 am to 6:00am next day.

Legend: Leq- Equivalent Noise Level (hourly); Ld-Day Time Equivalent Noise Level (06:00-22:00 hrs);

Ln-Night Time Equivalent Noise Level (22:00-06:00 hrs); and Ldn-24 hourly Equivalent Noise Level.



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TC-12310

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**TEST REPORT**

Page : 1 of 1

ULR : TC1231024000006046F

Report No. : HECS/AP/1/050224

Sample ID No : 050224001

Sampling Date : 02/02/2024

Received Date : 05/02/2024

Commenced Date : 05/02/2024

Completed On : 08/02/2024

Report Date : 08/02/2024

Sample quantity : NA

Name of the Client : M/s. Stelis Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Group : Atmospheric Pollution

Sample Name : Ambient Air(AII)

Sample Mark : NA

Sample Reference : NA

Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.

Sample Location : Near Main Gate

Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 5182 Part 5 & Part 14

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m3	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene-AAQ	µg/m3	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene-AAQ	ng/m3	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m3	6.78	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/ m3	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m3	27.19	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m3	12.56	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m3	54.82	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m3	23.45	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m3	14.29	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)
13	Total Suspended Particular Matter	µg/m3	75.27	IS 5182 (Part 4) 1999	NA	NA

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³-Milligrams per cubic meter, ng/m³-Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report

D.Amudya
Deputy Quality Manager
Authorized Signatory



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(Chemical & Biological Testing)

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Ambient Air(Air)
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : Near DP Block
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC1231024000006047F
Report No. : HECS/AP/2/050224
Sample ID No : 050224002
Sampling Date : 02/02/2024 To 03/02/2024

Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m3	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene-AAQ	µg/m3	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene-AAQ	ng/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m ³	8.49	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/ m ³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m ³	19.31	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m ³	13.56	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	52.84	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	21.39	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m ³	9.94	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)
13	Total Suspended Particular Matter	µg/m ³	74.23	IS 5182 (Part 4) 1999	NA	NA

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³-Milligrams per cubic meter, ng/m³-Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report

D.Anusuya
Deputy Quality Manager
Authorized Signatory



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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Ambient Air(Air)
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : Near ETP
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

U/LR : TC1231024000006061F
Report No. : HECS/AP/3/050224
Sample ID No : 050224003
Sampling Date : 02/02/2024 To 03/02/2024

Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m³	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene-AAQ	µg/m³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene-AAQ	ng/m³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m³	5.12	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m³	23.72	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m³	10.40	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m³	48.27	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m³	20.15	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m³	12.56	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)
13	Total Suspended Particular Matter	µg/m³	68.42	IS 5182 (Part 4) 1999	NA	NA

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³-Milligrams per cubic meter, ng/m³-Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report

D.Anusuya
Deputy Quality Manager
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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddahallapur,
3rd Phase, Obadenahalli, Doddahallapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG 1 - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000006062F
Report No. : HECS/AP/004/050224
Sample ID No : 050224004
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Flue Gas Temperature	°C	159.0	IS 11255 (Part 3) 2008	NA
2	Flue Gas Velocity	m/s	14.1	USEPA Method 1 2017	NA
3	Sulphur dioxide (SO ₂)	mg/Nm ³	12.87	ASTM Method D6522 (by Flue gas Analyzer) 2000	NA
4	Particulate Matter	mg/Nm ³	45.21	IS 11255 (Part 1)	75
5	Nitrogen Dioxide	ppmv	254.63	IS 11255 (Part 7)	710

Note: mg/Nm³ - Milligrams per Normal cubic meter. ppmv - Parts per million by Volume, m/s - Meter per second. °C - Degree Celsius, NA - Not Applicable.

Remarks :- Standards are given as per CPCB PCIS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);
The Tested Parameters are found within acceptable Limit.

End of Report



D. Anusuya
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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG I - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

Report No. : HECS/AP/004/050224/N
Sample ID No : 050224004
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Non Methane Hydrocarbon	mg/Nm ³	BLQ(LOQ 0.2)	HECS-G/NS/SOP/056	100

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter.

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);

The Tested Parameters are found within acceptable Limit.

End of Report



D.Anusuya
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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stebis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG II - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000006063F
Report No. : HECS/AP/005/050224
Sample ID No. : 050224005
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Flue Gas Temperature	°C	172.0	IS 11255 (Part 3) 2008	NA
2	Flue Gas Velocity	m/s	13.8	USEPA Method 1 2017	NA
3	Sulphur dioxide (SO ₂)	mg/Nm ³	9.61	ASTM Method D6522 (by Flue gas Analyzer) 2000	NA
4	Particulate Matter	mg/Nm ³	53.48	IS 11255 (Part 1)	75
5	Nitrogen Dioxide	ppmv	261.13	IS 11255 (Part 7)	710

Note:mg/Nm³- Milligrams per Normal cubic meter, ppmv- Parts per million by Volume, m/s- Meter per second. °C- Degree Celsius,NA - Not Applicable.

Remarks :-Standards are given as per CPCB PCLIS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);
The Tested Parameters are found within acceptable Limit.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client	: M/s. Stells Biopharma Ltd.,	Report No.	: HECS/AP/005/050224/N
Address of the Client	: Plot Number 2-D1, Doddaballapur, 3rd Phase, Obadenahalli, Doddaballapur-561 203	Sample ID No	: 050224005
Group	: Atmospheric Pollution	Sampling Date	: 02/02/2024
Sample Name	: DG Stack Emission above 800 KVA	Received Date	: 05/02/2024
Sample Mark	: DG II - 1010KVA	Commenced Date	: 05/02/2024
Sample Reference	: NA	Completed On	: 08/02/2024
Sample Drawn By	: M/s.Hubert Enviro care Systems (P) Ltd.	Report Date	: 08/02/2024
Sample Location	: NA	Sample quantity	: NA
Environmental Condition	: Temperature (°C) : 32.0 Humidity (%) : 56.0		
Sampling Method & Plan	: IS 11255		

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Non Methane Hydrocarbon	mg/Nm ³	BLQ(LOQ 0.2)	HECS-G/INS/SOP/056	100

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter.

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW)).

The Tested Parameters are found within acceptable Limit.

End of Report



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**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Group : Atmospheric Pollution

Sample Name : DG Stack Emission above 800 KVA

Sample Mark : DG III - 1010KVA

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : NA

Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 11255

ULR : TC1231024000006064F

Report No. : HECS/AP/006/050224

Sample ID No : 050224006

Sampling Date : 02/02/2024

Received Date : 05/02/2024

Commenced Date : 05/02/2024

Completed On : 08/02/2024

Report Date : 08/02/2024

Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Flue Gas Temperature	°C	181.0	IS 11255 (Part 3) 2008	NA
2	Flue Gas Velocity	m/s	10.7	USEPA Method 1 2017	NA
3	Sulphur dioxide (SO ₂)	mg/Nm ³	12.85	ASTM Method D6522 (by Flue gas Analyzer) 2000	NA
4	Particulate Matter	mg/Nm ³	44.39	IS 11255 (Part 4)	75
5	Nitrogen Dioxide	ppmv	285.70	IS 11255 (Part 7)	710

Note: mg/Nm³ - Milligrams per Normal cubic meter. ppmv - Parts per million by Volume, m/s - Meter per second, °C - Degree Celsius, NA - Not Applicable.

Remarks :- Standards are given as per CPCB P.C.I.S / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);
The Tested Parameters are found within acceptable Limit.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG III - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

Report No. : HECS/AP/006/050224/N
Sample ID No : 050224006
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Non Methane Hydrocarbon	mg/Nm ³	BLQ(LOQ 0.2)	HECS-G/INS/SOP/056	100

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter.

NA - Not Applicable.

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);

The Tested Parameters are found within acceptable Limit.

End of Report



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Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Group : Atmospheric Pollution

Sample Name : Stack Emission(All)

Sample Mark : Boiler I

Sample Reference : NA

Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.

Sample Location : NA

Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 11255

U.I.R : TC1231024000006065F

Report No. : HECS/AP/7/050224

Sample ID No : 050224007

Sampling Date : 02/02/2024

Received Date : 05/02/2024

Commenced Date : 05/02/2024

Completed On : 08/02/2024

Report Date : 08/02/2024

Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Flue Gas Velocity	m/sec	12.4	IS 11255 (Part 3) 2008	NA
2	Particulate matter (PM)	mg/Nm ³	38.69	IS 11255 Part 1 1985	CNTE 150
3	Sulphur dioxide (SO ₂)	mg/Nm ³	10.25	IS 11255 (Part 2) 1985	600
4	Nitrogen dioxide (NO ₂)	mg/Nm ³	44.88	ASTM Method D6522 (by Flue gas Analyzer) 2000	300
5	Flue Gas Temperature	°C	173.0	IS 11255 (Part 3) 2008	NA

Note:- CNTE- Concentration not to Exceed, mg/Nm³. Milligrams per Normal cubic meter, °C- Degree Celsius, m/s Meter per second, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report



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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : Boiler II
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000006066F
Report No : HECS/AP/8/050224
Sample ID No : 050224008
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Flue Gas Velocity	m/sec	9.1	IS 11255 (Part 3) 2008	NA
2	Particulate matter (PM)	mg/Nm ³	53.86	IS 11255 Part 1 1985	CNTE 150
3	Sulphur dioxide (SO ₂)	mg/Nm ³	11.32	IS 11255 (Part 2) 1985	600
4	Nitrogen dioxide (NO ₂)	mg/Nm ³	178.0	ASTM Method D6522 (by Flue gas Analyzer) 2003	300
5	Flue Gas Temperature	°C	143.0	IS 11255 (Part 3) 2008	NA

Note:- CNTE- Concentration not to Exceed, mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius, m/sMeter per second,NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report



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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Ohadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust I
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000006067F
Report No : HECS/AP/9/050224
Sample ID No : 050224009
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Acid Mist as H2SO4	mg/m ³	BLQ (LOQ: 0.01)	HECS-G/INS/SOP/056 Issue No.01 Issue Date:01.03.2021
2	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	2476.0	IS 11255 (Part 3) 2008
3	Flue Gas Temperature	°C	55.0	IS 11255 (Part 3) 2008

Notes:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius.

End of Report



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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust I
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

Report No. : HECS/AP/9/050224N
Sample ID No : 050224009
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method
1	Chlorine	mg/Nm ³	BLQ(LOQ 0.1)	HECS/AIR/STACK/SOP/026

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius.

End of Report



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Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust II
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000006068F
Report No. : HECS/AP/010/050224
Sample ID No : 050224010
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Acid Mist as H2SO4	mg/m ³	BLQ (LOQ: 0.01)	HECS-G/INS/SOP/056 Issue No.:01 Issue Date:01.03.2021
2	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	411.0	IS 11255 (Part 3) 2008
3	Flue Gas Temperature	°C	47.0	IS 11255 (Part 3) 2008

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust II
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

Report No. : HECS/AP/010/050224/N
Sample ID No : 050224010
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Chlorine	mg/Nm ³	BLQ(LOQ 0.1)	HECS/AIR/STACK/SOP/026

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter.
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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(Air)
Sample Mark : QC Scrubber Exhaust III
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000006069F
Report No : HECS/AP/011/050224
Sample ID No : 050224011
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Acid Mist as H2SO4	mg/m ³	BLQ (LOQ: 0.01)	HECS-G/INS/SOP/056 Issue No..01 Issue Date:01.03.2021
2	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	4438.0	IS 11255 (Part 3) 2008
3	Flue Gas Temperature	°C	49.0	IS 11255 (Part 3) 2008

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius,

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust III
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

Report No. : HECS/AP/011/050224/N
Sample ID No : 050224011
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Chlorine	mg/Nm ³	BLQ(LOQ 0.1)	HECS/AIR/STACK/SOP/026

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter.

End of Report



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TEST REPORT

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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : Fire Hydrant DG
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

U.L.R : TC1231024000006070F
Report No. : HECS/AP/012/050224
Sample ID No : 050224012
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
Discipline : Chemical					
1	Flue Gas Velocity	m/sec	11.3	IS 11255 (Part 3) 2008	NA
2	Particulate matter (PM)	g/Kw-hr	0.076	IS 11255 Part 1 1985	CNTE 150
3	Sulphur dioxide (SO ₂)	g/Kw-hr	0.013	IS 11255 (Part 2) 1985	NA
4	Nitrogen dioxide (NO ₂)	g/Kw-hr	0.219	ASTM Method D6522 (by Flue gas Analyzer) 2000	NA
5	Flue Gas Temperature	°C	165.0	IS 11255 (Part 3) 2008	NA

Note:- CNTE- Concentration not to Exceed, mg/Nm³. Milligrams per Normal cubic meter, °C- Degree Celsius,
m/s- Meter per second, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report



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Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Ohadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : ETP Inlet
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614(Part-10):2021

ULR : TC1231024000006151F
Report No : HECS/PE/1/050224
Sample ID No : 050224016
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Bio-Chemical Oxygen Demand(BOD) 3 days @27 °C	mg/l	42.0	IS 3025 (Part 44) 1993
2	Calcium Hardness as CaCO ₃	mg/l	140.0	APHA 23rd Edn 3500 Ca B; 2017
3	Chemical Oxygen Demand (COD)	mg/l	246.0	IS 3025 (Part 58) 2006
4	Chloride as Cl ⁻	mg/l	314.0	IS 3025 (Part 32) Clause 2 1988
5	Free Residual Chlorine	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 26) Clause 5 2021
6	Iron as Fe	mg/l	BLQ (LOQ 0.02)	IS 3025 (Part 53) Clause 6 2003
7	Magnesium Hardness as CaCO ₃	mg/l	20.0	APHA 23rd Edn 3500 Mg B 2017
8	Methyl orange Alkalinity as CaCO ₃	mg/l	100.0	IS: 3025 (Part 23) 1986
9	Oil and grease	mg/l	BLQ (LOQ 4.0)	IS 3025 (Part 39) Clause 5 2021
10	pH value @ 25 °C	-	7.40	IS 3025 (Part 11) Clause 2 2022
11	Phenolphthalein Alkalinity as CaCO ₃	mg/l	BLQ (LOQ 1.0)	IS: 3025 (Part 23) 1986
12	Total Silica as SiO ₂	mg/l	3.50	IS 3025 (Part 35) Clause 2 1988
13	Sodium as Na	mg/l	116.0	IS: 3025 (Part 45) Clause 5 1993
14	Sulphate as SO ₄ ²⁻	mg/l	132.0	IS 3025 (Part 24) Clause 4 1986
15	Temperature	°C	27.2	IS:3025 (Part 09) 1984
16	Total dissolved solids @ 180° C	mg/l	1682.0	IS 3025 (Part 16) 1984
17	Total Hardness as CaCO ₃	mg/l	160.0	IS 3025 (Part 21) Clause 5 2009
18	Total suspended solids @ 105° C	mg/l	60.0	IS: 3025 (Part 17) 1984
19	Turbidity	NTU	10.6	APHA 23rd Edn 2130 B 2017

Note : Note 1:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre, °C - Degree Celsius, NTU- Nephelometric Turbidity Unit.

End of Report

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Authorized Signatory



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TC-12310

Laboratory Services Division

(Chemical & Biological Testing)

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**TEST REPORT**

Page : 1 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Group : Pollution & Environment

Sample Name : Waste Water(All)

Sample Mark : ETP Outlet

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : NA

Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 17614(Part-10):2021

ULR : TC1231024000006154F

Report No. : HECS/PE/004/050224

Sample ID No. : 050224020

Sampling Date : 02/02/2024

Received Date : 05/02/2024

Commenced Date : 05/02/2024

Completed On : 08/02/2024

Report Date : 08/02/2024

Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
Discipline : Chemical					
1	Arsenic	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 Revision 5.4: 1994	0.2
2	Chromium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 Revision 5.4: 1994	2.0
3	Copper	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	3.0
4	Zinc	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	1.0
5	Ammonical Nitrogen as NH ₃ -N	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 34) Clause 2.5 1988	50
6	Bio assay	%	90.0	IS 6582 (Part 2) 2001	NA
7	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	5.0	IS 3025 (Part 44) 1993	30
8	Calcium Hardness as CaCO ₃	mg/l	54.0	APHA 23rd Edn 3500 Ca B: 2017	NA
9	Chemical Oxygen Demand (COD)	mg/l	36.0	IS 3025 (Part 58) 2006	250
10	Chloride as Cl ⁻	mg/l	210.0	IS 3025 (Part 32) Clause 2 1988	1000
11	Cyanide as CN	mg/l	BLQ (LOQ 0.01)	IS 3025 Part 27 Clause 2 1986	0.2
12	Free Residual Chlorine	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 26) Clause 5 2021	NA
13	Hexavalent Chromium as Cr ⁶⁺	mg/l	BLQ (LOQ 0.05)	IS 3025 (Part 52) Clause 6 2003	0.1Max
14	Iron as Fe	mg/l	BLQ (LOQ 0.02)	IS 3025 (Part 53) Clause 6 2003	NA



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Deputy Quality Manager
Authorized Signatory



TG-12318

**TEST REPORT**

Page : 2 of 2

ULR : TC1231024000006154F

Report No. : HECS/PE/004/050224

Sample ID No : 050224020

Sampling Date : 02/02/2024

Name of the Client : M/s. Stelis Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Group : Pollution & Environment

Sample Name : Waste Water(All)

Sample Mark : ETP Outlet

Sample Reference : NA

Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.

Sample Location : NA

Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 17614(Part-10):2021

Received Date : 05/02/2024

Commenced Date : 05/02/2024

Completed On : 08/02/2024

Report Date : 08/02/2024

Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
15	Magnesium Hardness as CaCO ₃	mg/l	76.0	APHA 23rd Edn 3500 Mg B 2017	NA
16	Methyl orange Alkalinity as CaCO ₃	mg/l	150.0	IS: 3025 (Part 23) 1986	NA
17	Oil and grease	mg/l	BLQ (LOQ 4.0)	IS : 3025 (Part 39) Clause 5 2021	10
18	pH value @ 25 ° C	-	7.66	IS 3025 (Part 11) Clause 2 2021	5.5 - 9.0
19	Phenolphthalein Alkalinity as CaCO ₃	mg/l	BLQ (LOQ 1.0)	IS: 3025 (Part 23) 1986	NA
20	Phenolic compound	mg/l	BLQ (LOQ 0.01)	IS 3025 (Part 43) Clause 5 1992	1.0
21	Phosphate as PO ₄ -	mg/l	BLQ (LOQ 0.2)	HECS-G/ENV/WW/SOP/006 Issue No. 01 Issue Date:02/07 2020	NA
22	Total Silica as SiO ₂	mg/l	1.42	IS 3025 (Part 35) Clause 2 1988	NA
23	Sodium as Na	mg/l	116.0	IS: 3025 (Part 45) Clause 5 1993	NA
24	Sulphate as SO ₄ -	mg/l	36.2	IS:3025 (Part 24) Clause 4 1986	1000
25	Sulphide as S ₂ -	mg/l	BLQ (LOQ 1.0)	IS 3025 (Part 29) Clause 2 1986	2.0
26	Temperature	°C	27.0	IS:3025 (Part 09) 1984	40
27	Total dissolved solids @ 180° C	mg/l	1160.0	IS 3025 (Part 16) 1984	2100
28	Total Hardness as CaCO ₃	mg/l	130.0	IS 3025 (Part 21) Clause 5 2009	NA
29	Total suspended solids @ 105° C	mg/l	10.0	IS: 3025 (Part 17) 1984	100
30	Turbidity	NTU	1.2	APHA 23rd Edn 2130 B 2017	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre, %- Percentage.

Remarks: ETP Outlet as above parameters meets KSPCB Standards.

End of Report

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : ETP Outlet
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614(Part-10):2021

Report No. : HECS/PE/004/050224N

Sample ID No : 050224020

Sampling Date : 02/02/2024

Received Date : 05/02/2024

Commenced Date : 05/02/2024

Completed On : 08/02/2024

Report Date : 08/02/2024

Sample quantity : 2 Litres ,

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
Discipline : Chemical					
1	Mercury	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	0.01
2	Lead	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	0.1
3	Methylene Chloride	mg/l	BLQ(LOQ 0.01)	HECSG/INS/SOP/021	0.9 Max
4	Benzene	mg/l	BLQ(LOQ 0.01)	HECSG/INS/SOP/021	NA
5	Xylene	mg/l	BLQ(LOQ 0.01)	HECSG/INS/SOP/021	0.17 Max
6	Chlorobenzene	mg/l	BLQ(LOQ 0.01)	HECSG/INS/SOP/021	0.2 Max

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre, %- Percentage.

Remarks: ETP Outlet as above parameters meets KSPCB Standards.

End of Report



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Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-101, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : STP Outlet
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614(Part-10):2021

ULR : TC1231024000006152F
Report No. : HECS/PE/2/050224
Sample ID No : 050224017
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
Discipline : Chemical					
1	Ammonical Nitrogen as NH ₃ -N	mg/l	3.36	IS 3025 (Part 34) Clause 2.5 1988	< 5
2	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	12.0	IS 3025 (Part 44) 1993	20
3	Chemical Oxygen Demand (COD)	mg/l	46.0	IS 3025 (Part 58) 2006	< 50
4	pH value @ 25 ° C	-	7.58	IS 3025 (Part 11) Clause 2 2022	6.0 - 9.0
5	Total dissolved solids @ 180° C	mg/l	972.0	IS 3025 (Part 16) 1984	NA
6	Total Nitrogen as N	mg/l	7.40	HECS-G/ENV/WW/SOP/004 Issue No.:01 Issue Date:02-07 1988	NA
7	Total suspended solids @ 105° C	mg/l	8.0	IS: 3025 (Part 17) 1984	< 20

Note :- mg/l- Milligrams per litre.

Remarks: STP Outlet as above parameters meets KSPCB Standards.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Ohadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Effluents & Waste
Sample Mark : STP Outlet
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 22.0 | Humidity (%) : 46.0
Sampling Method & Place : APHA 23rd Edition Part 9260

U.L.R : TC1231024000006156F
Report No : HECS/PE/006/050224
Sample ID No : 050224024
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : 100 ml

S.No.	Test Parameters	Units	Results	Test Method	Limits
Discipline : Biological					
1	Faecal Coliform	MPN/100ml	70	APHA 23rd Edition Part 9221	<100

Note:-MPN-Most Probable Number.

Remarks: STP Outlet as above parameters meet KSPCB Standards.

End of Report




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Page : 1 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Group : Pollution & Environment

Sample Name : Waste Water(All)

Sample Mark : RO Permeate

Sample Reference : NA

Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.

Sample Location : NA

Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 17614(Part-10):2021

U.I.R : TC1231024000006155F

Report No : HECS/PE/005/050224

Sample ID No : 050224021

Sampling Date : 02/02/2024

Received Date : 05/02/2024

Commenced Date : 05/02/2024

Completed On : 08/02/2024

Report Date : 08/02/2024

Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
Discipline : Chemical					
1	Arsenic	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 Revision 5.4: 1994	0.2
2	Chromium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 Revision 5.4: 1994	2.0
3	Copper	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	3.0
4	Zinc	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	1.0
5	Ammonical Nitrogen as NH ₃ -N	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 34) Clause 2.5 1988	50
6	Bio assay	%	100.0	IS 6582 (Part 2) 2001	NA
7	Bio-Chemical Oxygen Demand (BOD) 3 days @27 ° C	mg/l	BLQ (LOQ 2.0)	IS 3025 (Part 44) 1993	30
8	Chemical Oxygen Demand (COD)	mg/l	BLQ (LOQ 4.0)	IS 3025 (Part 58) 2006	250
9	Cyanide as CN	mg/l	BLQ (LOQ 0.01)	IS 3025 Part 27 Clause 2 1986	0.2
10	Hexavalent Chromium as Cr6+	mg/l	BLQ (LOQ 0.05)	IS 3025 (Part 52) Clause 6 2003	0.1Max
11	pH value @ 25 ° C	-	7.10	IS 3025 (Part 11) Clause 2 2022	5.5 - 9.0
12	Phenolic compound	mg/l	BLQ (LOQ 0.01)	IS 3025 (Part 43) Clause 5 1992	1.0
13	Phosphorus as P	mg/l	BLQ (LOQ 0.1)	APHA 23 rd Edn. 4500 P-B,D 2017	5 Max
14	Sulphide as S ²⁻	mg/l	BLQ (LOQ 1.0)	IS 3025 (Part 29) Clause 2 1986	2.0



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TEST REPORT

Page : 2 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Ohadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : RO Permeate
Sample Reference : NA
Sample Draws By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614(Part-10):2021

ULR : TC1231024000006155F
Report No : HECS/PE/005/050224
Sample ID No : 050224021
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
15	Total dissolved solids @ 180° C	mg/l	206.0	IS 3025 (Part 16) 1984	2100
16	Total Hardness as CaCO3	mg/l	12.0	IS 3025 (Part 21) Clause 5 2009	NA
17	Total suspended solids @ 105° C	mg/l	BLQ (LOQ 2.0)	IS: 3025 (Part 17) 1984	100

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre.

Remarks: ETP RO Permeate as above parameters meets KSPCB Limits.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : RO Permeate
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614(Part-10):2021

Report No. : HECS/PE/005/050224N
Sample ID No : 050224021
Sampling Date : 02/02/2024

Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
Discipline : Chemical					
1	Mercury	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	0.01
2	Lead	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	0.1
3	Methylene Chloride	mg/l	BLQ(LOQ 0.01)	HECSG/INS/SOP/021	0.9 Max
4	Benzene	mg/l	BLQ(LOQ 0.01)	HECSG/INS/SOP/021	NA
5	Xylene	mg/l	BLQ(LOQ 0.01)	HECSG/INS/SOP/021	0.12 Max
6	Chlorobenzene	mg/l	BLQ(LOQ 0.01)	HECSG/INS/SOP/021	0.2 Max

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre.

Remarks: ETP RO Permeate as above parameters meets KSPCB Limits.



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : RO Reject
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614(Part-10):2021

ULR : TC1231024000006153F
Report No. : HECS/PE/3/050224
Sample ID No : 050224018
Sampling Date : 02/02/2024
Received Date : 05/02/2024
Commenced Date : 05/02/2024
Completed On : 08/02/2024
Report Date : 08/02/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	36.0	IS 3025 (Part 44) 1993
2	Chemical Oxygen Demand (COD)	mg/l	204.0	IS 3025 (Part 58) 2006
3	Chloride as Cl-	mg/l	2028.6	IS 3025 (Part 32) Clause 2 1988
4	pH value @ 25 ° C	-	7.40	IS 3025 (Part 11) Clause 2 2022
5	Sodium as Na	mg/l	934.0	IS: 3025 (Part 45) Clause 5 1993
6	Sulphate as SO42-	mg/l	340.46	IS:3025 (Part 24) Clause 4 1986
7	Total dissolved solids @ 180° C	mg/l	9692.0	IS 3025 (Part 16) 1984
8	Total Hardness as CaCO3	mg/l	800.0	IS 3025 (Part 21) Clause 5 2009
9	Total suspended solids @ 105° C	mg/l	12.0	IS: 3025 (Part 17) 1984

Note :- mg/l- Milligrams per litre.

End of Report



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TEST REPORT

Page : 1 of 1

ULR : TC1231024000006071F

Report No : HECS/AP/013/050224

Sample ID No : 050224013

Sampling Date : 02/02/2024

Received Date : 05/02/2024

Commenced Date : 05/02/2024

Completed On : 08/02/2024

Report Date : 08/02/2024

Sample quantity : NA

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Ambient Noise Levels (Excluding vibration)
Sample Mark : Noise
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 9989:1981

S.No	Time Hrs	Monitoring Location & Hourly Leq Noise Levels in dB(A)		
		Near Main Gate	Near ETP Area	Near Ware House
1	06-07	62.2	54.3	56.8
2	07-08	58.8	55.4	54.4
3	08-09	61.3	53.6	56.3
4	09-10	62.3	54.6	55.4
5	10-11	64.2	58.8	56.7
6	11-12	58.6	59.4	58.1
7	12-13	61.3	55.6	56.4
8	13-14	62.2	54.3	55.6
9	14-15	63.4	55.8	54.3
10	15-16	55.5	52.9	51.3
11	16-17	57.7	61.2	58.7
12	17-18	56.6	52.3	59.4
13	18-19	61.3	63.4	56.1
14	19-20	62.3	56.8	55.3
15	20-21	57.7	54.6	54.3
16	21-22	56.4	59.4	56.4
17	22-23	53.4	58.6	52.8
18	23-24	56.4	54.6	53.6
19	00-01	63.1	58.8	54.6
20	01-02	52.3	59.2	53.6
21	02-03	56.7	56.4	54.6
22	03-04	54.4	53.8	57.8
23	04-05	54.9	56.7	56.5
24	05-06	53.5	57.4	56.4
I	Ld	60.3	55.7	56.1
II	Ln	57.03	57.5	55.2
III	Ldn	58.7	56.4	55.7

End of Report



D. Anusuya
Deputy Quality Manager
Authorized Signatory

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Laboratory Services Division

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TEST REPORT

Page : 1 of 1

ULR : TC1231024000010756F

Report No. : HECS/AP/009/060324

Sample ID No : 060324009

Sampling Date : 05/03/2024

Received Date : 06/03/2024

Commenced Date : 06/03/2024

Completed On : 09/03/2024

Report Date : 09/03/2024

Sample quantity : NA

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Ambient Air(AII)
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : Near Main Gate,
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 5182 Part 5& Part 14

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m3	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene-AAQ	µg/m3	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene-AAQ	ng/m³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m³	8.45	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/ m³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m³	24.87	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m³	10.33	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m³	57.18	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m³	26.75	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m³	13.59	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)
13	Total Suspended Particular Matter	µg/m³	83.93	IS 5182 (Part 4) 1999	NA	NA

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³-Milligrams per cubic meter, ng/m³-Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



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Authorized Signatory

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Ambient Air(AII)
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : Near DP Block
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 5182 Part 5& Part 14

ULR : TC1231024000010757F
Report No. : HECS/AP/010/060324
Sample ID No : 060324010
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 09/03/2024
Report Date : 09/03/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m3	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene-AAQ	µg/m3	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene-AAQ	ng/m³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m³	6.35	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/ m³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m³	21.69	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m³	10.25	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m³	46.73	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m³	18.61	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m³	13.25	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)
13	Total Suspended Particular Matter	µg/m³	65.34	IS 5182 (Part 4) 1999	NA	NA

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³-Milligrams per cubic meter, ng/m³-Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report

Hubert Enviro Care Systems (P) Ltd.
Chennai 600 032
Sivaprakasam
Lab Manager
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

ULR : TC1231024000010758F

Report No. : HECS/AP/011/060324

Sample ID No : 060324011

Sampling Date : 05/03/2024

Name of the Client : M/s. Stelis Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Group : Atmospheric Pollution

Sample Name : Ambient Air(AII)

Sample Mark : NA

Sample Reference : NA

Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.

Sample Location : Near ETP

Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 5182 Part 5 & Part 14

Received Date : 06/03/2024

Commenced Date : 06/03/2024

Completed On : 09/03/2024

Report Date : 09/03/2024

Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m3	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No..01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No..01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No..01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene-AAQ	µg/m3	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene-AAQ	ng/m³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m³	7.21	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/ m³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m³	18.43	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m³	12.97	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m³	53.15	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m³	24.78	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m³	10.33	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)
13	Total Suspended Particular Matter	µg/m³	77.93	IS 5182 (Part 4) 1999	NA	NA

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³-Milligrams per cubic meter, ng/m³-Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG I - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000010759F
Report No. : HECS/AP/012/060324
Sample ID No : 060324012
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 08/03/2024
Report Date : 09/03/2024
Sample quantity : NA

Stack Details

S.No.	Particulars	Units	Stack Specification		
Discipline : Chemical					
	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Flue Gas Temperature	°C	167.0	IS 11255 (Part 3) 2008	-
2	Flue Gas Velocity	m/s	13.3	USEPA Method 1 2017	-
3	Sulphur dioxide (SO2)	mg/Nm³	10.58	ASTM Method D6522 (by Flue gas Analyzes) 2000	-
4	Particulate Matter	mg/Nm³	38.10	IS 11255 (Part 1)	75
5	Nitrogen Dioxide	ppmv	265.78	ASTM Method D6522 (by Flue gas Analyzer) 2000	710

Note: mg/Nm³: Milligrams per Normal cubic meter. ppmv- Parts per million by Volume, m/s- Meter per second. °C- Degree Celsius, NA - Not Applicable.

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW); The Tested Parameters are found within acceptable Limit.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadennahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG I - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

Report No. : HECS/AP/012/060324/N
Sample ID No : 060324012
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 08/03/2024
Report Date : 09/03/2024
Sample quantity : NA

Stack Details

Stack Emissions					
S.No.	Particulars	Units	Stack Specification		
Discipline : Chemical					
	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Non Methane Hydrocarbon	mg/Nm ³	BLQ(LOQ 0.2)	HECS-G/INS/SOP/056	100

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter.

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);

The Tested Parameters are found within acceptable Limit.

End of Report



M.Sivaprakasam
Lab Manager
Authorized Signatory



TC-12310

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG II - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000010760F

Report No. : HECS/AP/013/060324

Sample ID No : 060324013

Sampling Date : 05/03/2024

Received Date : 06/03/2024

Commenced Date : 06/03/2024

Completed On : 08/03/2024

Report Date : 09/03/2024

Sample quantity : NA

Stack Details

S.No.	Particulars	Units	Stack Specification		
Discipline : Chemical					
	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Flue Gas Temperature	°C	165.0	IS 11255 (Part 3) 2008	-
2	Flue Gas Velocity	m/s	14.9	USEPA Method 1 2017	-
3	Sulphur dioxide (SO2)	mg/Nm³	10.34	ASTM Method D6522 (by Flue gas Analyzer) 2000	-
4	Particulate Matter	mg/Nm³	46.91	IS 11255 (Part 1)	75
5	Nitrogen Dioxide	ppmv	232.48	ASTM Method D6522 (by Flue gas Analyzer) 2000	710

Note: mg/Nm³: Milligrams per Normal cubic meter, ppmv- Parts per million by Volume, m/s- Meter per second.

Remarks :-Standards are given as per CPCB PCLs / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW); The Tested Parameters are found within acceptable Limit.

End of Report



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Authorized Signatory

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TEST REPORT

Page : 1 of 1

Name of the Client	: M/s. Steffs Biopharma Ltd.,	Report No.	: HECS/AP/013/060324/N
Address of the Client	: Plot Number 2-D1, Doddaballapur, 3rd Phase, Obadenaballi, Doddaballapur-561 203	Sample ID No	: 060324013
Group	: Atmospheric Pollution	Sampling Date	: 05/03/2024
Sample Name	: DG Stack Emission above 800 KVA	Received Date	: 06/03/2024
Sample Mark	: DG II - 1010KVA	Commenced Date	: 06/03/2024
Sample Reference	: NA	Completed On	: 08/03/2024
Sample Drawn By	: M/s. Hubert Enviro care Systems (P) Ltd.	Report Date	: 09/03/2024
Sample Location	: NA	Sample quantity	: NA
Environmental Condition	: Temperature (°C) : 32.0 Humidity (%) : 56.0		
Sampling Method & Plan	: IS 11255		

Stack Details

Stack Details					
S.No.	Particulars	Units	Stack Specification		
Discipline : Chemical					
	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Non Methane Hydrocarbon	mg/Nm ³	BLQ(LOQ 0.2)	HECS-G/INS/SOP/056	100

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter.

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW));

The Tested Parameters are found within acceptable Limit.

End of Report



M. Sivaprakasam
Lab Manager
Authorized Signatory



TC-12310

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Group : Atmospheric Pollution

Sample Name : DG Stack Emission above 800 KVA

Sample Mark : DG III - 1010KVA

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : NA

Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 11255

ULR : TC1231024000010761F

Report No. : HECS/AP/014/060324

Sample ID No : 060324014

Sampling Date : 05/03/2024

Received Date : 06/03/2024

Commenced Date: 06/03/2024

Completed On : 08/03/2024

Report Date : 09/03/2024

Sample quantity : NA

Stack Details

S.No.	Particulars	Units	Stack Specification		
Discipline : Chemical					
	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Flue Gas Temperature	°C	159.0	IS 11255 (Part 3) 2008	-
2	Flue Gas Velocity	m/s	8.3	USEPA Method 1 2017	-
3	Sulphur dioxide (SO2)	mg/Nm³	14.48	ASTM Method D6522 (by Flue gas Analyzer) 2000	-
4	Particulate Matter	mg/Nm³	38.72	IS 11255 (Part 1)	75
5	Nitrogen Dioxide	ppmv	264.96	ASTM Method D6522 (by Flue gas Analyzer) 2000	710

Note: mg/Nm³- Milligrams per Normal cubic meter, ppmv- Parts per million by Volume, m/s- Meter per second, °C- Degree Celsius, NA - Not Applicable.

Remarks : Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW); The Tested Parameters are found within acceptable Limit.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Ohadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : DG Stack Emission above 800 KVA
Sample Mark : DG III - 1010KVA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

Report No : HECS/AP/014/060324/N
Sample ID No : 060324014
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 08/03/2024
Report Date : 09/03/2024
Sample quantity : NA

Stack Details

Stack Details					
S.No.	Particulars	Units	Stack Specification		
Discipline : Chemical					
	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Non Methane Hydrocarbon	mg/Nm³	BLQ(LOQ 0.2)	HECS-G/INS/SOP/0156	100

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³- Milligrams per Normal cubic meter.

Remarks :-Standards are given as per CPCB PCLS / 02/ 2010 Sixth Edition (Engine Rating more than 0.8 M W (800 KW);

The Tested Parameters are found within acceptable Limit.

End of Report


M. Sivaprakasam
Lab Manager
Authorized Signatory





TC-12318

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(AB)
Sample Mark : Boiler I
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000010762F
Report No. : HECS/AP/15/060324
Sample ID No : 060324015
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 08/03/2024
Report Date : 09/03/2024
Sample quantity : NA

Stack Details

Stack Emissions					
S.No.	Particulars	Units	Stack Specification		
Discipline : Chemical					
	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Flue Gas Velocity	m/sec	10.7	IS 11255 (Part 3) 2008	NA
2	Particulate matter (PM)	mg/Nm ³	42.85	IS 11255 Part 1 1985	CNTE 150
3	Sulphur dioxide (SO2)	mg/Nm ³	8.11	IS 11255 (Part 2) 1985	600
4	Nitrogen dioxide (NO2)	mg/Nm ³	39.63	ASTM Method D6522 (by Flue gas Analyzer) 2000	300
5	Flue Gas Temperature	°C	159.0	IS 11255 (Part 3) 2008	NA

Note:- CNTE- Concentration not to Exceed, mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius, m/sMeter per second,NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report



M. Sivaprakasam
Lab Manager
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : Boiler II
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000010763F
Report No. : HECS/AP/016/060324
Sample ID No : 060324016
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 08/03/2024
Report Date : 09/03/2024
Sample quantity : NA

Stack Details

Stack Details					
S.No.	Particulars	Units	Stack Specification		
Discipline : Chemical					
	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Flue Gas Velocity	m/sec	7.3	IS 11255 (Part 3) 2008	NA
2	Particulate matter (PM)	mg/Nm ³	46.25	IS 11255 Part 1 1985	CNTE 150
3	Sulphur dioxide (SO ₂)	mg/Nm ³	8.43	IS 11255 (Part 2) 1985	600
4	Nitrogen dioxide (NO ₂)	mg/Nm ³	192.0	ASTM Method D6522 (by Flue gas Analyzer) 2000	300
5	Flue Gas Temperature	°C	161.0	IS 11255 (Part 3) 2008	NA

Note:- CNTE- Concentration not to Exceed, mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius, m/s Meter per second, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report



M. Sivaprakasam
Lab Manager
Authorized Signatory



TC-12310

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust I
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000010764F
Report No. : HECS/AP/017/060324
Sample ID No : 060324017
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 09/03/2024
Report Date : 09/03/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Acid Mist as H ₂ SO ₄	mg/m ³	BLQ (LOQ: 0.01)	HECS-G/INS/SOP/056 Issue No.:01 Issue Date:01.03.2021
2	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	2637.0	IS 11255 (Part 3) 2008
3	Flue Gas Temperature	°C	46.0	IS 11255 (Part 3) 2008

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour, mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(AB)
Sample Mark : QC Scrubber Exhaust I
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

Report No : HECS/AP/017/060324/N
Sample ID No : 060324017
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 09/03/2024
Report Date : 09/03/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Chlorine	mg/Nm ³	BLQ(LOQ 0.1)	HECS/AIR/STACK/SOP/026

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/Nm³. Milligrams per Normal cubic meter.

End of Report




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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust II
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

U.L.R : TC1231024000010765F
Report No. : HECS/AP/018/060324
Sample ID No : 060324018
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 09/03/2024
Report Date : 09/03/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Acid Mist as H ₂ SO ₄	mg/m ³	BLQ (LOQ: 0.01)	HECS-G/INS/SOP/056 Issue No.:01 Issue Date:01.03.2021
2	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	392.0	IS 11255 (Part 3) 2008
3	Flue Gas Temperature	°C	53.0	IS 11255 (Part 3) 2008

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour, mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius.

End of Report



M. Sivaprakasam
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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(AH)
Sample Mark : QC Scrubber Exhaust II
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

Report No : HECS/AP/018/060324/N
Sample ID No : 060324018
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 09/03/2024
Report Date : 09/03/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Chlorine	mg/Nm ³	BLQ(LOQ 0.1)	HECS/AIR/STACK/SOP/026

Notes- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification ,mg/Nm³- Milligrams per Normal cubic meter.

End of Report



M. Sivaprakasam
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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Ohadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : QC Scrubber Exhaust III
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000010766F
Report No. : HECS/AP/019/060324
Sample ID No : 060324019
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 09/03/2024
Report Date : 09/03/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Acid Mist as H ₂ SO ₄	mg/m ³	BLQ (LOQ: 0.01)	HECS-G/TNS/SOP/056 Issue No.:01 Issue Date:01.03.2021
2	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	4297.0	IS 11255 (Part 3) 2008
3	Flue Gas Temperature	°C	43.0	IS 11255 (Part 3) 2008

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour, mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(Air)
Sample Mark : QC Scrubber Exhaust III
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

Report No : HECS/AP/019/060324/N
Sample ID No : 060324019
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 09/03/2024
Report Date : 09/03/2024
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Chlorine	mg/Nm ³	BLQ(LOQ 0.1)	HECS/AIR/STACK/SOP/026

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification,mg/Nm³. Milligrams per Normal cubic meter.

End of Report


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TC-12318

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Atmospheric Pollution
Sample Name : Stack Emission(All)
Sample Mark : Fire Hydrant DG
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 11255

ULR : TC1231024000010767F
Report No. : HECS/AP/020/060324
Sample ID No : 060324020
Sampling Date : 05/03/2024

Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 08/03/2024
Report Date : 09/03/2024
Sample quantity : NA

Stack Details

Stack Details					
S.No.	Particulars	Units	Stack Specification		
Discipline : Chemical					
	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Flue Gas Velocity	m/sec	13.5	IS 11255 (Part 3) 2008	NA
2	Particulate matter (PM)	g/kw-hr	0.056	IS 11255 Part 1 1985	CNTE 150
3	Sulphur dioxide (SO2)	g/kw-hr	0.010	IS 11255 (Part 2) 1985	NA
4	Nitrogen dioxide (NO2)	g/kw-hr	0.249	ASTM Method D6522 (by Flue gas Analyzer) 2000	NA
5	Flue Gas Temperature	°C	177.0	IS 11255 (Part 3) 2008	NA

Notes: CNTE: Concentration not to exceed

Note:- CNTE- Concentration not to Exceed, mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius,
m/s- Meter per second, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report



M. S. V. Prakasham
Lab Manager
Authorized Signatory



TC-12310

**TEST REPORT**

Page : 1 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : ETP Inlet
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614(Part-10):2021

ULR : TC1231024000010769F
Report No. : HECS/PE/1/060324
Sample ID No : 060324022
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 09/03/2024
Report Date : 09/03/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	46.0	IS 3025 (Part 44) 1993
2	Calcium Hardness as CaCO ₃	mg/l	120.0	APHA 23rd Edn 3500 Ca B: 2017
3	Chemical Oxygen Demand (COD)	mg/l	278.0	IS 3025 (Part 58) 2006
4	Chloride as Cl ⁻	mg/l	328.9	IS 3025 (Part 32) Clause 2 1988
5	Free Residual Chlorine	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 26) Clause 5 2021
6	Iron as Fe	mg/l	BLQ (LOQ 0.02)	IS 3025 (Part 53) Clause 6 2003
7	Magnesium Hardness as CaCO ₃	mg/l	30.0	APHA 23rd Edn 3500 Mg B: 2017
8	Methyl orange Alkalinity as CaCO ₃	mg/l	110.0	IS: 3025 (Part 23) 1986
9	Oil and grease	mg/l	BLQ (LOQ 4.0)	IS : 3025 (Part 39) Clause 5 2021
10	pH value @ 25 ° C	-	7.56	IS 3025 (Part 11) Clause 2 2022
11	Phenolphthalein Alkalinity as CaCO ₃	mg/l	BLQ (LOQ 1.0)	IS: 3025 (Part 23) 1986
12	Total Silica as SiO ₂	mg/l	3.26	IS 3025 (Part 35) Clause 2 1988
13	Sodium as Na	mg/l	128.0	IS: 3025 (Part 45) Clause 5 1993
14	Sulphate as SO ₄ ²⁻	mg/l	132.0	IS:3025 (Part 24) Clause 4 1986
15	Temperature	°C	26.8	IS:3025 (Part 09) 1984
16	Total dissolved solids @ 180° C	mg/l	1530.0	IS 3025 (Part 16) 1984
17	Total Hardness as CaCO ₃	mg/l	150.0	IS 3025 (Part 21) Clause 5 2009
18	Total suspended solids @ 105° C	mg/l	48.0	IS: 3025 (Part 17) 1984
19	Turbidity	NTU	7.6	APHA 23rd Edn 2130 B: 2017

Note :- Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre, °C - Degree Celsius, NTU- Nephelometric Turbidity Unit.

End of Report



D.Anusuya
Deputy Quality Manager
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Stella Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Group : Pollution & Environment

Sample Name : Waste Water(All)

Sample Mark : STP Outlet

Sample Reference : NA

Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.

Sample Location : NA

Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 17614(Part-10):2021

ULR : TC1231024000010770F

Report No. : HECS/PE/002/060324

Sample ID No : 060324023

Sampling Date : 05/03/2024

Received Date : 06/03/2024

Commenced Date : 06/03/2024

Completed On : 09/03/2024

Report Date : 09/03/2024

Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
Discipline : Chemical					
1	Ammonical Nitrogen as NH ₃ -N	mg/l	2.18	IS 3025 (Part 34) Clause 2.5 1988	< 5
2	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	8.0	IS 3025 (Part 44) 1993	≤10
3	Chemical Oxygen Demand (COD)	mg/l	40.0	IS 3025 (Part 58) 2006	< 50
4	pH value @ 25 ° C	-	7.28	IS 3025 (Part 11) Clause 2 2022	6.0 - 9.0
5	Total dissolved solids @ 180° C	mg/l	926.0	IS 3025 (Part 16) 1984	NA
6	Total Nitrogen as N	mg/l	6.18	HECS-G/ENV/WW/SOP/004 Issue No.:01 Issue Date:02/07 1988	NA
7	Total suspended solids @ 105° C	mg/l	6.0	IS: 3025 (Part 17) 1984	< 20

Note :- mg/l- Milligrams per litre.

Remarks: STP Outlet as above parameters meets KSPCB Standards.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Effluents & Waste
Sample Mark : STP Outlet
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 22.0 | Humidity (%) : 46.0
Sampling Method & Plan : APHA 23rd Edition Part 9260

ULR : TC1231024000010772F
Report No. : HECS/PE/006/060324
Sample ID No. : 060324027
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 09/03/2024
Report Date : 09/03/2024
Sample quantity : 100 ml

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
Discipline : Biological					
1	Faecal Coliform	MPN/100ml	94	APHA 23rd Edition Part 9221	<100

Note:-MPN-Most Probable Number.

Remarks: STP Outlet as above parameters meet KSPCB Standards.

End of Report



A. Sathish Kumar
Section Head-Microbiology
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Stells Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : RO Reject
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614(Part-10):2021

ULR : TC1231024000010771F
Report No. : HECS/PE/3/060324
Sample ID No : 060324024
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 09/03/2024
Report Date : 09/03/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	44.0	IS 3025 (Part 44) 1993
2	Chemical Oxygen Demand (COD)	mg/l	256.0	IS 3025 (Part 58) 2006
3	Chloride as Cl-	mg/l	1892.0	IS 3025 (Part 32) Clause 2 1988
4	pH value @ 25 ° C	-	7.52	IS 3025 (Part 11) Clause 2 2022
5	Sodium as Na	mg/l	956.0	IS: 3025 (Part 45) Clause 5 1993
6	Sulphate as SO42-	mg/l	358.6	IS:3025 (Part 24) Clause 4 1986
7	Total dissolved solids @ 180° C	mg/l	8760.0	IS 3025 (Part 16) 1984
8	Total Hardness as CaCO3	mg/l	750.0	IS 3025 (Part 21) Clause 5 2009
9	Total suspended solids @ 105° C	mg/l	18.0	IS: 3025 (Part 17) 1984

BLQ : Below Limit of Quantification, LOQ: Limit of Quantification, mg/l: milligram per Litre, µg/L:Microgram per Litre, %: Percentage,
Note:The above sample Complies with the requirement of standard with Respect to above parameters tested.

End of Report



D.Anusuya
Deputy Quality Manager
Authorized Signatory



TC-12319

**TEST REPORT**

Page : 1 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Group : Pollution & Environment

Sample Name : Waste Water(All)

Sample Mark : ETP Outlet

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : NA

Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 17614(Part-10):2021

ULR : TC1231024000010870F

Report No. : HECS/PE/004/060324

Sample ID No : 060324025

Sampling Date : 05/03/2024

Received Date : 06/03/2024

Commenced Date : 06/03/2024

Completed On : 11/03/2024

Report Date : 11/03/2024

Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
Discipline : Chemical					
1	Arsenic	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 Revision 5.4: 1994	0.2
2	Chromium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 Revision 5.4: 1994	2.0
3	Copper	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	3.0
4	Zinc	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	1.0
5	Ammonical Nitrogen as NH ₃ -N	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 34) Clause 2.5 1988	50
6	Bio assay	%	90.0	IS 6582 (Part 2) 2001	NA
7	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	6.0	IS 3025 (Part 44) 1993	30
8	Calcium Hardness as CaCO ₃	mg/l	60.0	APHA 23rd Edn 3500 Ca B: 2017	NA
9	Chemical Oxygen Demand (COD)	mg/l	44.0	IS 3025 (Part 58) 2006	250
10	Chloride as Cl ⁻	mg/l	236.0	IS 3025 (Part 32) Clause 2 1988	1000
11	Cyanide as CN	mg/l	BLQ (LOQ 0.01)	IS 3025 Part 27 Clause 2 1986	0.2
12	Free Residual Chlorine	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 26) Clause 5 2021	NA
13	Hexavalent Chromium as Cr ⁶⁺	mg/l	BLQ (LOQ 0.05)	IS 3025 (Part 52) Clause 6 2003	0.1Max
14	Iron as Fe	mg/l	BLQ (LOQ 0.02)	IS 3025 (Part 53) Clause 6 2003	NA
15	Magnesium Hardness as CaCO ₃	mg/l	50.0	APHA 23rd Edn 3500 Mg B 2017	NA
16	Methyl orange Alkalinity as CaCO ₃	mg/l	130.0	IS: 3025 (Part 23) 1986	NA



D. Anusuya
Deputy Quality Manager
Authorized Signatory



TC-12318

**TEST REPORT**

Page : 2 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Group : Pollution & Environment

Sample Name : Waste Water(All)

Sample Mark : ETP Outlet

Sample Reference : NA

Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.

Sample Location : NA

Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 17614(Part-10):2021

ULR : TC1231824000010870F

Report No. : HECS/PE/004/060324

Sample ID No : 060324025

Sampling Date : 05/03/2024

Received Date : 06/03/2024

Commenced Date : 06/03/2024

Completed On : 11/03/2024

Report Date : 11/03/2024

Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
17	Oil and grease	mg/l	BLQ (LOQ 4.0)	IS : 3025 (Part 39) Clause 5 2021	10
18	pH value @ 25 ° C	-	7.52	IS 3025 (Part 11) Clause 2 2022	5.5 - 9.0
19	Phenolphthalin Alkalinity as CaCO ₃	mg/l	BLQ (LOQ 1.0)	IS: 3025 (Part 23) 1986	NA
20	Phenolic compound	mg/l	BLQ (LOQ 0.01)	IS 3025 (Part 43) Clause 5 1992	1.0
21	Phosphate as PO ₄ -	mg/l	BLQ (LOQ 0.2)	HECS-G/ENV/WW/SOP/006 Issue No.:01 Issue Date:02/07 2020	NA
22	Total Silica as SiO ₂	mg/l	1.36	IS 3025 (Part 35) Clause 2 1988	NA
23	Sodium as Na	mg/l	122.0	IS: 3025 (Part 45) Clause 5 1993	NA
24	Sulphate as SO ₄ -	mg/l	38.6	IS:3025 (Part 24) Clause 4 1986	1000
25	Sulphide as S ₂ -	mg/l	BLQ (LOQ 1.0)	IS 3025 (Part 29) Clause 2 1986	2.0
26	Temperature	°C	26.7	IS:3025 (Part 09) 1984	40
27	Total dissolved solids @ 180° C	mg/l	1186.0	IS 3025 (Part 16) 1984	2100
28	Total Hardness as CaCO ₃	mg/l	110.0	IS 3025 (Part 21) Clause 5 2009	NA
29	Total suspended solids @ 105° C	mg/l	14.0	IS: 3025 (Part 17) 1984	100
30	Turbidity	NTU	1.8	APHA 23rd Edn 2130 B 2017	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre, %- Percentage.

Remarks: ETP Outlet as above parameters meets KSPCB Standards.

End of Report



D.Anusuya
Deputy Quality Manager
Authorized Signatory

Hubert Enviro Care Systems (P) Ltd.A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax : 42985500

E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)

FSSAI Notified Laboratory

ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : ETP Outlet
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614(Part-10):2021

Report No. : HECS/PE/004/060324/N
Sample ID No : 060324025
Sampling Date : 05/03/2024
Received Date : 06/03/2024
Commenced Date : 06/03/2024
Completed On : 11/03/2024
Report Date : 11/03/2024
Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
Discipline : Chemical					
1	Mercury	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 Revision 5.4: 1994	0.01
2	Lead	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	0.1
3	Benzene	mg/l	BLQ(LOQ 0.1)	HECSG/INS/SOP/021	NA
4	Xylene	mg/l	BLQ(LOQ 0.1)	HECSG/INS/SOP/021	0.12 Max
5	Chlorobenzene	mg/l	BLQ(LOQ 0.1)	HECSG/INS/SOP/021	0.2 Max
6	Methylene Chloride	mg/l	BLQ(LOQ 0.1)	HECSG/INS/SOP/021	0.9 Max

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre, %- Percentage.

Remarks: ETP Outlet as above parameters meets KSPCB Standards.

End of Report



D.Anusuya
Deputy Quality Manager
Authorized Signatory



TC-12310

**TEST REPORT**

Page : 1 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,

Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203

Group : Pollution & Environment

Sample Name : Waste Water(All)

Sample Mark : RO Permeate

Sample Reference : NA

Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.

Sample Location : NA

Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 17614(Part-10):2021

ULR : TC1231024000010872F

Report No. : HECS/PE/005/060324

Sample ID No : 060324026

Sampling Date : 05/03/2024

Received Date : 06/03/2024

Commenced Date : 06/03/2024

Completed On : 11/03/2024

Report Date : 11/03/2024

Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
Discipline : Chemical					
1	Arsenic	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 Revision 5.4: 1994	0.2
2	Chromium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 Revision 5.4: 1994	2.0
3	Copper	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	3.0
4	Zinc	mg/l	BLQ (LOQ: 0.1)	USEPA 200.8 Revision 5.4: 1994	1.0
5	Ammonical Nitrogen as NH ₃ -N	mg/l	BLQ (LOQ 0.1)	IS 3025 (Part 34) Clause 2.5 1988	50
6	Bio assay	%	100.0	IS 6582 (Part 2) 2001	NA
7	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	BLQ (LOQ 2.0)	IS 3025 (Part 44) 1993	30
8	Chemical Oxygen Demand (COD)	mg/l	BLQ (LOQ 4.0)	IS 3025 (Part 58) 2006	250
9	Cyanide as CN	mg/l	BLQ (LOQ 0.01)	IS 3025 Part 27 Clause 2 1986	0.2
10	Hexavalent Chromium as Cr6+	mg/l	BLQ (LOQ 0.05)	IS 3025 (Part 52) Clause 6 2003	0.1Max
11	pH value @ 25 ° C	-	7.26	IS 3025 (Part 11) Clause 2 2022	5.5 - 9.0
12	Phenolic compound	mg/l	BLQ (LOQ 0.01)	IS 3025 (Part 43) Clause 5 1992	1.0



D.Amrsurya
Deputy Quality Manager
Authorized Signatory



TC-12318

**TEST REPORT**

Page : 2 of 2

Name of the Client : M/s. Stelis Biopharma Ltd.,
Address of the Client : Plot Number 2-D1, Doddaballapur,
3rd Phase, Obadenahalli, Doddaballapur-561 203
Group : Pollution & Environment
Sample Name : Waste Water(All)
Sample Mark : RO Permeate
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614(Part-10):2021

ULR : TC1231024000010872F

Report No. : HECS/PE/005/060324

Sample ID No : 060324026

Sampling Date : 05/03/2024

Received Date : 06/03/2024

Commenced Date : 06/03/2024

Completed On : 11/03/2024

Report Date : 11/03/2024

Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	KSPCB Limits
13	Phosphorus as P	mg/l	BLQ (LOQ 0.1)	APHA 23 rd Edn. 4500 P-B,D 2017	5 Max
14	Sulphide as S2-	mg/l	BLQ (LOQ 1.0)	IS 3025 (Part 29) Clause 2 1986	2.0
15	Total dissolved solids @ 180° C	mg/l	218.0	IS 3025 (Part 16) 1984	2100
16	Total Hardness as CaCO3	mg/l	14.0	IS 3025 (Part 21) Clause 5 2009	NA
17	Total suspended solids @ 105° C	mg/l	BLQ (LOQ 2.0)	IS: 3025 (Part 17) 1984	100

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l- Milligrams per litre.

Remarks: ETP RO Permeate as above parameters meets KSPCB Limits.

End of Report



D.Anusuya
Deputy Quality Manager
Authorized Signatory

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax : 42985500

E-mail : labsales@hecs.in



Laboratory Services Division

(Chemical & Biological Testing)

FSSAI Notified Laboratory

ISO 9001, 14001 & 45001 Certified.



TEST REPORT

Page 1 of 1

Name of the Client : M/s. Metis Biopharma Ltd.
Address of the Client : Plot Number 2-D1, Duddanahalli,
Vid. Phase, Dhadanahalli, Duddanahalli-561 201
Disrup : Atmospheric Pollution
Sample No.s : Ambient Noise Levels (Excluding vibration)
Sample Mark : Noise
Sample Rejection : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 Humidity (%) : 86.6
Sampling Method & Plan : IS 9989:1981

Order : H/1233024000010768

Report No. : H/CS/A/P/021/060324

Sample ID No : 060324021

Sampling Date : 05/03/2024

Received Date : 06/03/2024

Commenced Date : 06/03/2024

Completed On : 08/03/2024

Report Date : 09/03/2024

Sample quantity : NA

S.No	Time Hrs	Monitoring Location & Hourly Avg Noise Levels in dB(A)		
		Near Main Gate	Near ETP Area	Near Ware House
1	06:05	60.5	56.5	55.4
2	06:08	57.4	58.1	53.9
3	06:20	61.2	58.5	55.2
4	06:30	61.5	57.7	56.1
5	06:41	62.3	59.2	55.2
6	06:52	57.3	60.7	56.7
7	07:03	63.2	57.5	55.8
8	07:14	63.8	56.3	56.1
9	07:25	60.9	54.8	55.0
10	07:36	56.4	51.5	51.5
11	07:47	56.2	60.5	52.9
12	07:58	54.7	51.9	50.5
13	08:09	65.8	62.2	54.1
14	08:20	60.4	55.9	54.8
15	08:31	54.2	53.2	52.8
16	08:42	56.8	56.2	51.2
17	08:53	54.6	57.2	50.0
18	09:04	55.9	53.8	51.1
19	09:15	56.8	57.2	52.2
20	09:26	51.2	57.1	51.1
21	09:37	51.2	51.1	52.9
22	09:48	52.1	51.9	50.5
23	09:59	51.8	51.0	50.5
24	10:10	57.1	52.2	54.2
25	10:21	59.7	56.9	56.6
26	10:32	55.9	55.1	52.7
27	10:43	57.27	55.55	54.60

End of Report

M. Sivasubramanian

Lab Manager

Authorized Signatory

Annexure 4



Form 2 -[Rule 6(2)] Authorization
under Hazardous & Other Wastes
[Management & Transboundary
Movement]Rules,2016

Authorization No: 336709

Valid upto: 30/06/2027

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax: 080-25586321
email id: ho@kspcb.gov.in

(This document contains 6 pages excluding annexure)

Authorization No: 336709

PCB ID:

26356

Date: 07/03/2023

**FORM FOR GRANT OR RENEWAL OF AUTHORISATION BY STATE POLLUTION
CONTROL BOARD TO THE OCCUPIERS, RECYCLERS, REPROCESSORS, REUSERS, USER
AND OPERATORS OF DISPOSAL FACILITIES**

Ref: 1. Authorization application submitted by the industry/organization on 17/01/2023 at
Regional Office.
2. Inspection of the project site/organization by Regional Officer , Doddaballapura on 17/01/2023
3. Proceedings of CCM dated: , held on:

1. Number of authorization 336709 and date of issue 07/03/2023

2. Reference of application No. 19532 Inward Date 17/01/2023

3. Director of Stelis Biopharma Limited is hereby granted an authorization based on the enclosed signed inspection report for Generation, Reception, Storage, Disposal or any other use of hazardous or other wastes or both on the premises situated at the location **Address:** 2-D1 , Obadenahalli, DBPura 3rd phase indl area, DB pura taluk, **Industrial Area :** Obadenahalli , **Taluk :** Dod Ballapur , **District :** Bangalore Rural

Details of Authorization:

Category of Hazardous waste as per the Schedule I, II, III & IV of these rules	Description of Hazardous Waste	Quantity/Annum	Unit	Authorized Mode of Disposal or recycling or utilization or co-processing, etc.,
I	28.1~Process Residue and wastes	1.000	MTA	As Per Annexure
I	28.3~Spent carbon	10.000	MTA	As Per Annexure
I	28.4~Off specification products	6.000	MTA	As Per Annexure
I	28.5~Date-expired products	5.000	MTA	As Per Annexure
I	28.6~ Spent solvents	18.000	MTA	As Per Annexure



Form 2 -[Rule 6(2)] Authorization
under Hazardous & Other Wastes
[Management & Transboundary
Movement]Rules,2016

Authorization No: 336709

Valid upto: 30/06/2027

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

(This document contains 6 pages excluding annexure)

I	33.1~Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	8.000	MTA	As Per Annexure
I	35.3~Chemical Sludge From Waste Water Treatment	15.000	MTA	As Per Annexure
I	37.2~Ash from incinerator and flue gas cleaning residue	10.000	MTA	As Per Annexure
I	37.3~Concentration or evaporation residues	0.000	MTA	As Per Annexure
I	37.3~Concentration or evaporation residues	105.000	MTA	As Per Annexure
I	5.1~Used Spent Oil	9.840	MTA	As Per Annexure
I	5.2~Wastes Residues Containing Oil	7.000	MTA	As Per Annexure
I	5.2~Wastes Residues Containing Oil	0.000	MTA	As Per Annexure
I	B1090~Waste batteries conforming to a standard battery specification, excluding those made with lead, cadmium or mercury	2.000	MTA	As Per Annexure
III	B2020~Glass wastes in non-dispersible form:- Cullet and other waste and scrap of glass except for glass from cathode-ray tubes and other activated glasses	10.000	MTA	As Per Annexure



Form 2 -[Rule 6(2)] Authorization
under Hazardous & Other Wastes
[Management & Transboundary
Movement]Rules,2016

Authorization No: 336709

Valid upto: 30/06/2027

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

(This document contains 6 pages excluding annexure)

III	B3040~Rubber Wastes-The following materials, provided they are not mixed with other wastes:- Waste and scrap of hard rubber (e.g., ebonite),- Other rubber wastes (excluding such wastes specified elsewhere)	5.000	MTA	As Per Annexure
III	B3050~Untreated cork and wood waste:- Wood waste and scrap, whether or not agglomerated in logs, briquettes, pellets or similar forms,- Cork waste: crushed, granulated or ground cork	50.000	MTA	As Per Annexure
III	B4020~Wastes from production, formulation and use of resins, latex, plasticizers, glues or adhesives, not listed in Part A, free of solvents and other contaminants to an extent that they do not exhibit Part C characteristics (note the related entry in Part A, A	2.000	MTA	As Per Annexure
III	B4020~Wastes from production, formulation and use of resins, latex, plasticizers, glues or adhesives, not listed in Part A, free of solvents and other contaminants to an extent that they do not exhibit Part C characteristics (note the related entry in Part A, A	2.000	MTA	As Per Annexure



Form 2 -[Rule 6(2)] Authorization
under Hazardous & Other Wastes
[Management & Transboundary
Movement]Rules,2016

Authorization No: 336709

Valid upto: 30/06/2027

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

(This document contains 6 pages excluding annexure)

III	DB1010~Metal and metal-alloy wastes in metallic, non-dispersible form:- Precious metals (gold, silver, platinum but not mercury)* *, - Iron and steel scrap * *, - Nickel scrap * *, - Aluminium scrap * *, - Zinc scrap * *, - Tin scrap * *, - Tungsten scrap * *, - Molybd	40.000	MTA	As Per Annexure
III	DB3020~Paper, paperboard and paper product wastes * * The following materials, provided they are not mixed with hazardous wastes: Waste and scrap of paper or paperboard of: - unbleached paper or paperboard or of corrugated paper or paperboard, - other paper or pa	15.000	MTA	As Per Annexure

1. The authorization shall be valid for a period upto 30/06/2027

A. General Conditions of authorization:

1. The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986 and the Rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an Officer authorized by the Karnataka State Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous wastes and other wastes except what is permitted through this authorization and without obtaining prior permission of the KSPCB.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of this authorization.
5. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.
6. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of



Form 2 -[Rule 6(2)] Authorization
under Hazardous & Other Wastes
[Management & Transboundary
Movement]Rules,2016

Authorization No: 336709

Valid upto: 30/06/2027

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

(This document contains 6 pages excluding annexure)

Hazardous Waste and Penalty”.

7. It is the duty of the authorized person to take prior permission of the Karnataka State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
10. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
11. An application for the renewal of an authorization shall be made '**3**' months before the date of expiry.
12. The Person authorized shall bring to the notice of the Board, if any increase in quantity, change in category and handling operation. In such cases, the authorized Person has to obtain fresh authorization.
13. Karnataka State Pollution Control Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions of this authorization or to suspend or cancel this authorization.
14. The Person authorized shall take steps for reduction and prevention of the waste generated or for recycling or reuse.
15. The authorized person shall maintain the records at site in Form-3 and shall submit the annual returns in Form-4 within 30th June every year for the Period April to March and manifest in Form-10.
16. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
17. The hazardous and other waste which gets generated during recycling or reuse or recovery or per-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
18. The transportation of hazardous waste shall have to be carried out only through registered/authorized vehicles meant for transportation of hazardous waste.
19. The Person Authorized shall not store the Hazardous Waste more than ninety days as per Rule 8 (1).
20. The Person Authorized shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to environment.
21. Display Boards: The person authorized shall display sign boards at the storage site as “Hazardous Waste Storage Site” and “Danger” and the site shall be provided with accident preventive measures.



Form 2 -[Rule 6(2)] Authorization
under Hazardous & Other Wastes
[Management & Transboundary
Movement]Rules,2016

Authorization No: 336709

Valid upto: 30/06/2027

Karnataka State Pollution Control Board
Parisara Bhavana,No.49, Church
Street,Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

(This document contains 6 pages excluding annexure)

Additional Conditions:

1)This authorisation is issued after prior approval of Member Secretary for the period from 01.07.2022 to 30.06.2027 with conditions. 2)The Occupier shall comply with all the conditions prescribed in the ANNEXURES attached herewith and submit compliance.3)As per the clarification given by MoEF & CC on 12.12.2022 provisions of authorization under Rule 6 of HOWM Rule does not apply to the endogenously produced waste listed in Part B & Part D of Schedule III of HWM Rule, 2016. However, provisions of Rule 19 of HOWM Rules does not apply to the Part D of Schedule – III of HOWM Rules, 2016 only. Hence, the Other Waste mentioned in Form – I does not require authorization. Hence authorization is not issued for Other Waste. However, Occupier has to dispose the Other Waste only to authorized re-processor & recyclers following due procedure.

For and on behalf of the
Karnataka State Pollution Control Board

CHIEF/ SENIOR ENVIRONMENTAL OFFICER

COPY TO:

1. The Environmental Officer, KSPCB, Regional Office,for information and to inspect the industry during your next visit to the area.
2. Master copy (Dispatch).
3. Office copy.

Signature Not Verified

Digitally signed by
Date: 2023.03.07 17:31:44
+05:30

Annexure 5



ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಉಪ ನಿರ್ದೇಶಕರು, ಜಿಲ್ಲಾ ಅಂತರ್ಜಲ ಕಛೇರಿ, ಅಂತರ್ಜಲ ನಿರ್ದೇಶನಾಲಯ, ಬೆಂಗಳೂರು ಗ್ರಾಮಾಂತರ ಜಿಲ್ಲೆ,
ಕೊಳಡಿ ಸಂಖ್ಯೆ 223, 2ನೇ ಮಹಡಿ, ಜಿಲ್ಲಾಧಿಕಾರಿ ಭವನ, ಬೀದರಸಂಕ್ರಮಣ, ಬೀದರಸಂಕ್ರಮಣ, ಬೆಂಗಳೂರು ಗ್ರಾಮಾಂತರ ಜಿಲ್ಲೆ,
ಫೋನ್: 562110 ದೂರವಾರ್ತೆ ಸಂಖ್ಯೆ: 0802956610 Email: bengalururural.gw@gmail.com

ಸಂ: ಉನಿ/ಜಿಅಂಕ/ವಿಂಕ್ರ/ಪಾಸ/DCR(R)82-85/2023-24/807

ದಿನಾಂಕ: 05-02-2024

ಸಮೂಹ-2ಎ(6ನೇನಿಯಮ)

ಶೈಗಾರಿಕೆ/ವಾಣಿಜ್ಯ/ಮನರಂಜನೆ ಅಥವಾ ಇತರೆ ಬಳಕೆಗಾಗಿ ಕೊಳವೆವಾವಿ ಕೊರೆಯುವುದಕ್ಕಾಗಿ ಅನುಮತಿ

ಮೆ|| ಸ್ವೆಲಿಸ್ ಬಯೋಫಾರ್ಮ್ ಪ್ರೈ. ಲಿ., ಪ್ಲಾಟ್ ಸಂಖ್ಯೆ: 2-ಡಿ1, ಓಬದೇನಹಳ್ಳಿ ಶೈಗಾರಿಕಾ ಪ್ರದೇಶ, 3ನೇ ಹಂತ, ದೊಡ್ಡಬಳ್ಳಾಪುರ ತಾಲ್ಲೂಕು, ಬೆಂಗಳೂರು ಗ್ರಾಮಾಂತರ ಜಿಲ್ಲೆಯಲ್ಲಿರುವ ಪ್ರದೇಶವನ್ನು ಈ ಕಛೇರಿಯ ತಾಂತ್ರಿಕ ಅಧಿಕಾರಿಯವರು ಅಧಿನಿಯಮ ಕಲಂ ಸಂಖ್ಯೆ 11 ಮತ್ತು ನಿಯಮ 6 ರಂತೆ, ಲಭ್ಯ ಸಂಪನ್ಮೂಲಗಳಿಂದ ಭೂ ವೈಜ್ಞಾನಿಕವಾಗಿ ಪರಿಶೀಲನೆ ನಡೆಸಿದುಪ್ಪಾರೆ, ಇಲ್ಲಿ ಕಾರ್ಖಾನೆ ಹಾಗೂ ಕುಡಿಯುವ ನೀರಿನ ಉದ್ದೇಶಕ್ಕಾಗಿ ನೀರನ್ನು ಪಡೆಯಲು ಸುಮಾರು 390-410 ಮೀಟರ್ ಆಳದವರೆಗೆ ಈ ಮುಂದಿನ ಪರಕ್ಷಿಗೊಳಪಟ್ಟ ನಾಲ್ಕು (4) ಕೊಳವೆವಾವಿಗಳನ್ನು ಕೊರೆಯುವುದಕ್ಕಾಗಿ ಅನುಮತಿ ನೀಡಲಾಗಿದೆ.

ಪರಮ್ಗಳೆ:

- ಕರ್ನಾಟಕ ಅಂತರ್ಜಲ ಪ್ರಾಧಿಕಾರದಲ್ಲಿ ನಾಲ್ಕು ನೋಂದಣಿ ಹೊಂದಿದ ರಿಗ್ ಯಂತ್ರಗಳಿಂದ ಮಾತ್ರವೇ ಕೊಳವೆ ವಾವಿ ಕೊರೆಯುವುದು,
- ಯಾವ ಉದ್ದೇಶಕ್ಕಾಗಿ ಅನುಮತಿಸಲಾಗಿದೆಯೋ ಅದನ್ನು ಹೊರತುಪಡಿಸಿ ದೇರೆಯುವುದೇ ಉದ್ದೇಶಕ್ಕಾಗಿ ಕೊಳವೆವಾವಿಯ ನೀರನ್ನು ಬಳಸತಕ್ಕದ್ದಲ್ಲ,
- ತಮ್ಮ ಕಾರ್ಖಾನೆ/ಕಟ್ಟಡದ ಮೇಲ್ಮೈನೀಯ ಮೇಲೆ ಸಂಗ್ರಹಿಸಲಾಗುವ ಮಳೆ ನೀರಿಗೆ ಸೇರಿದ ಮಟ್ಟದ ಸಂಪುಗಳನ್ನು ನಿರ್ಮಿಸುವುದು ಹಾಗೂ ಹೆಚ್ಚುವರಿ ಮಳೆ ನೀರನ್ನು ತಮ್ಮ ಕೊಳವೆ ವಾವಿಗೆ ಮರುಮೂರಣ ಮಾಡುವುದು ಕಡ್ಡಾಯವಾಗಿದೆ,
- ನೀರು ವೈರ್ಧ್ಯವಾಗುವುದನ್ನು ತಪ್ಪಿಸಲು ನೀರಿನ ಬಳಕೆಯನ್ನು ಉತ್ತಮವಾಗಿ ನಿರ್ವಹಿಸತಕ್ಕದ್ದು,
- ಕೊಳವೆವಾವಿ ಕೊರೆದ ನಂತರ ಕಡ್ಡಾಯವಾಗಿ ಜಿಲ್ಲಾ ಅಂತರ್ಜಲ ಪ್ರಾಧಿಕಾರದಲ್ಲಿ ನೋಂದಣಿ ಮಾಡಿಸುವುದು,
- ಕೊಳವೆವಾವಿಯಿಂದ ನೀರನ್ನು ಹೊರತೆಗೆಯುವ ಆಧಾರದ ಮೇಲೆ ನೀರಿನ ಬಳಕೆಯಲ್ಲಿ ಕಾಲಕಾಲಕ್ಕೆ ಪಾರಿಗೊಳಿಸಬಹುದಾದ ದಿನಿಯಮಸಕ್ಕೆ ಒಳಪಟ್ಟಿರುತ್ತದೆ,
- ಒಂದು ವೇಳೆ ಕೊಳವೆವಾವಿ ವಿಫಲವಾದಲ್ಲಿ ಯಾವುದೇ ಅವಧಿಗಳಿಗೆ ಅನುದ ನೀಡದಂತೆ ಸುದಕ್ಷಿವಾಗಿ ಮುಚ್ಚಲು ಕ್ರಮವಹಿಸುವುದು,
- ಕೊಳವೆ ವಾವಿಯಿಂದ ನೀರನ್ನು ಬಳಸುವ ಮುನ್ನ ಕೊಳವೆವಾವಿಗೆ **Water Meter** ಅಳವಡಿಸುವುದು.


ಉಪನಿರ್ದೇಶಕರು
ಮತ್ತು ಸಹಾಯಕ ಅಧಿಕಾರಿಗಳು,
ಬೆಂಗಳೂರು ಗ್ರಾಮಾಂತರ ಜಿಲ್ಲೆ.

ಜವರಿಗೆ,

ಮೆ|| ಸ್ವೆಲಿಸ್ ಬಯೋಫಾರ್ಮ್ ಪ್ರೈ. ಲಿ.,
ಪ್ಲಾಟ್ ಸಂಖ್ಯೆ: 2-ಡಿ1, ಓಬದೇನಹಳ್ಳಿ ಶೈಗಾರಿಕಾ ಪ್ರದೇಶ,
3ನೇ ಹಂತ, ದೊಡ್ಡಬಳ್ಳಾಪುರ ತಾಲ್ಲೂಕು,
ಬೆಂಗಳೂರು ಗ್ರಾಮಾಂತರ ಜಿಲ್ಲೆ.

Annexure 6

Greenbelt Photograph







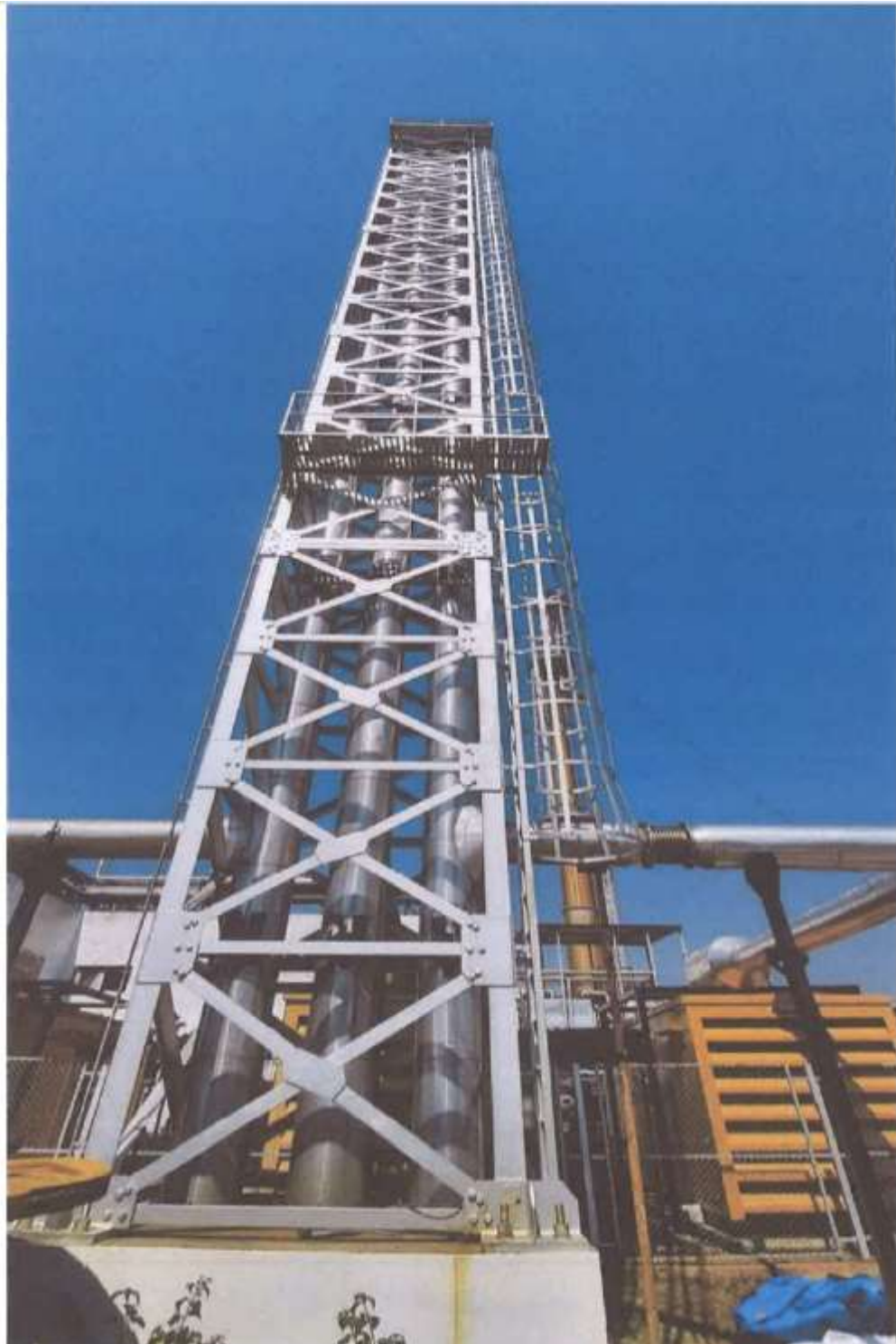


Annexure 7

DG Photograph



DG STACK

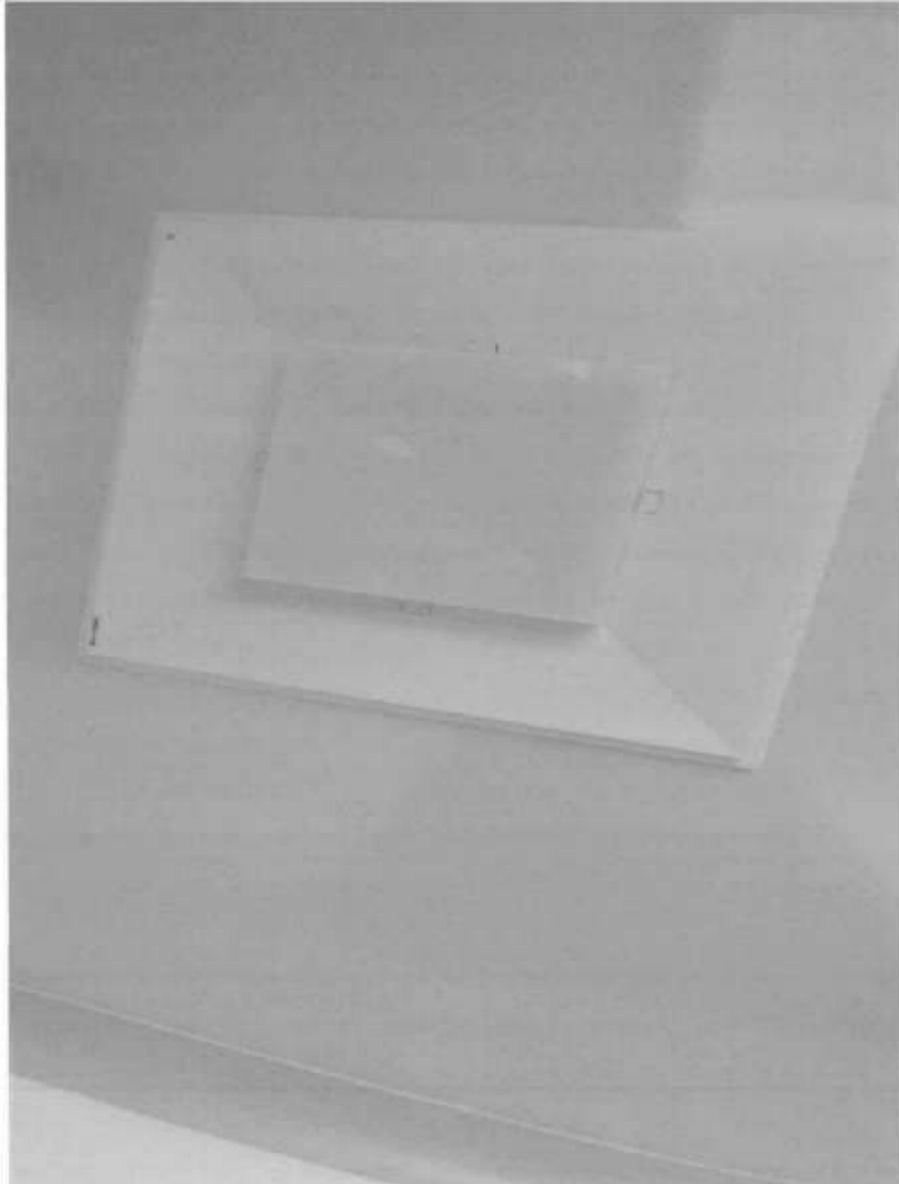


Annexure 8

LED LIGHTS-OUTSIDE FACILITY AREA



LED LIGHTS-INSIDE FACILITY AREA



Annexure 9

ZLD system Photograph

STP Area



ETP Area



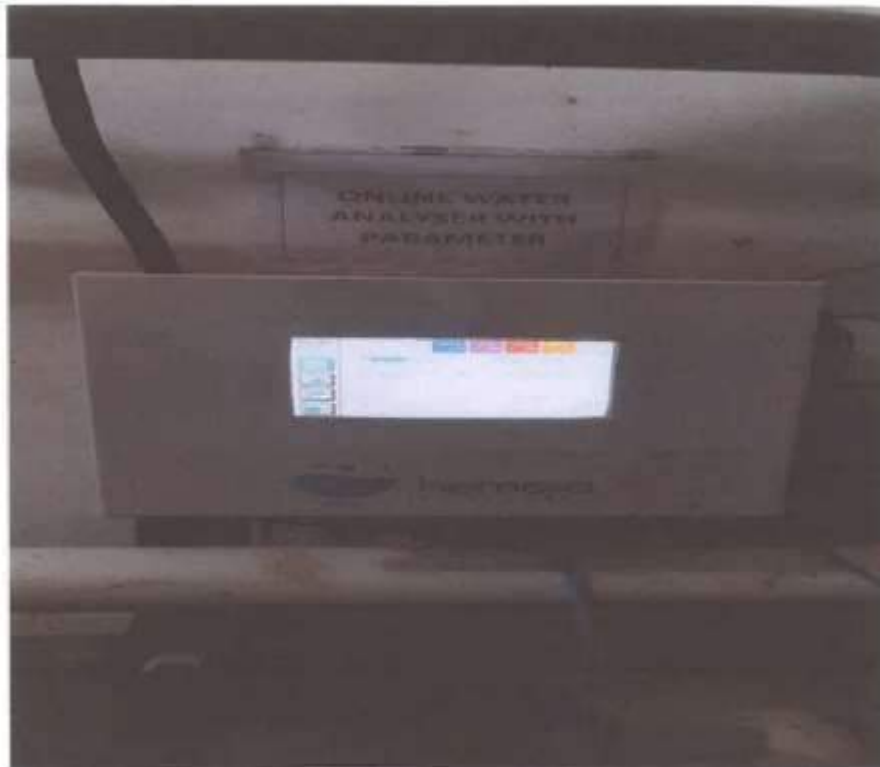
ETP RO Area



MEE&ATFD Area



Online Continues Monitoring System



PTZ Camera

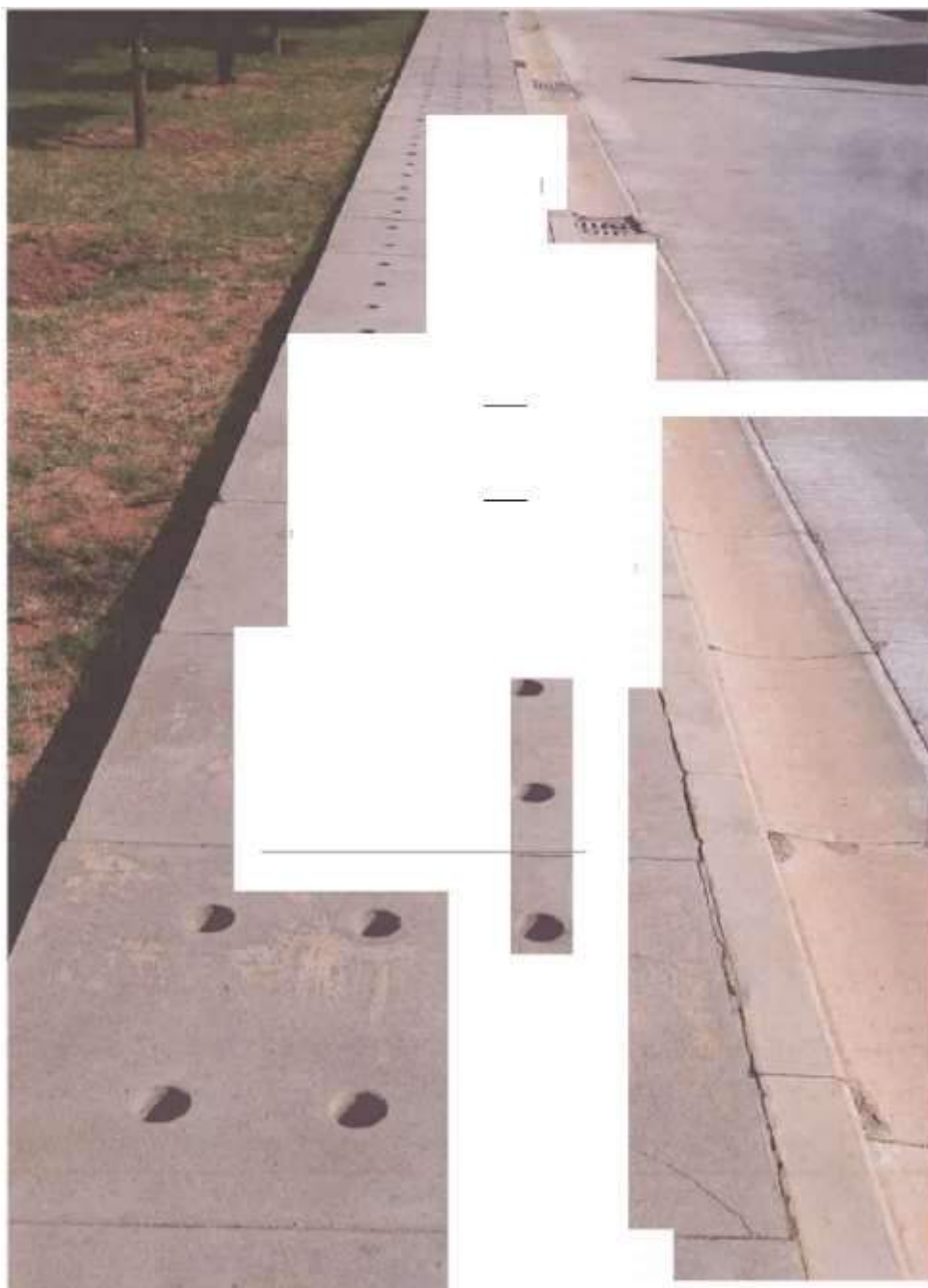


Annexure 10

Rain water harvesting system photograph



Storm Water Drain



Annexure 11

Fire Fighting system Photograph





Annexure 12

Glimpses of CSR Activities so far

One Source



Garbage pickup truck to Doddaballapur Panchayat



Garbage pickup truck to Bommasandra TMC



RO Water unit at Varadanahalli, Doddaballapur



RO Water unit at Bashettihalli, Doddaballapur

Glimpses of CSR Activities so far

One Source



Infrastructure improvement initiative at Yellupura school, Doddaballapur



WIP – GHS Bashettihalli



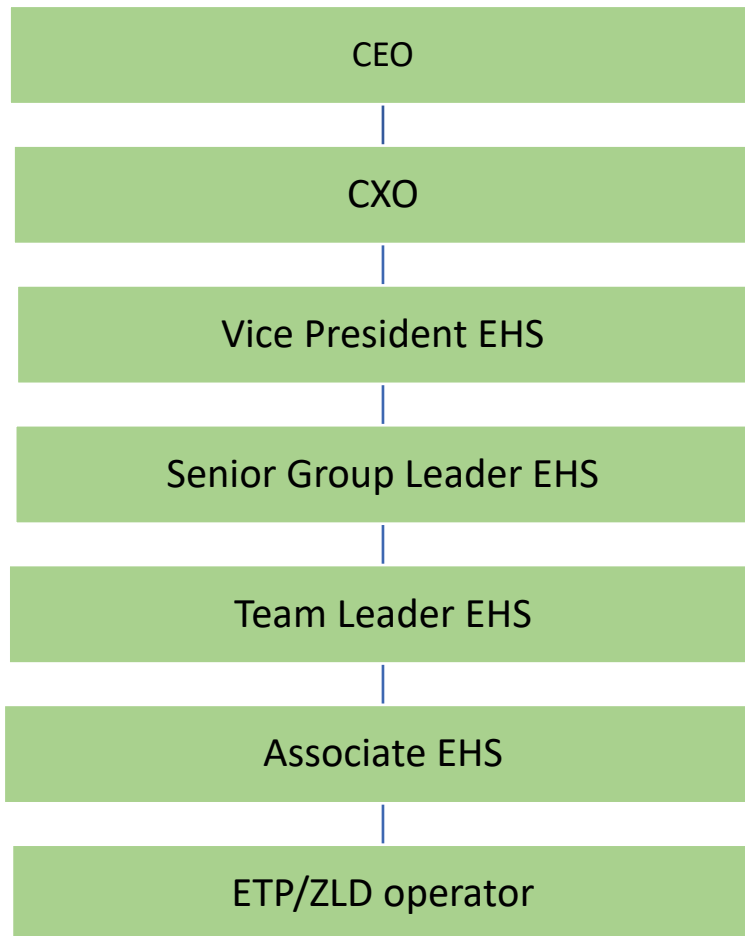
Examination skills & Career counselling Sessions at Govt High School Bashettihalli



Planning phase of Aranyadhama

Annexure 13

Environment Management cell



Environment Management cell Responsibilities

S. No	Name & Designation	Responsibilities
1	CEO	<ul style="list-style-type: none"> • Establish an environment management cell. • Responsible for overall environmental management. Regularly coordinate with AVP and take feedback regarding all the activities performed under EMC and give directions to succeeding component. Provide sufficient funds for environmental management cell to reduce the environment impacts
2	CXO	<ul style="list-style-type: none"> • Keep aware the Management about all the activities performed under EMC. • To ensure and study the feasibility of ETP working considering the requirements and to suggest for improvements if any. To ensure, implement and follow all the required safety procedures & facilities, avoid the unsafe act & conditions, organizing safety trainings, mock drills, availability of onsite & off site emergency plans. Plan & implement Good safety committee.
3	Vice President EHS	<ul style="list-style-type: none"> • Applying and getting the consent of operation of air & water and authorization to store the hazardous waste. • Prepare Management Information System (MIS) reports and budget for environment management program. • To deal with the environmental issues and for ensuring compliance with the conditions prescribed by KSPCB. Non compliance / violation of environmental norms, if any are reported to SVP and immediate required action is taken

4	Senior Group leader EHS	<ul style="list-style-type: none"> • Treatment and disposal of trade effluents and sewage effluent as per consent. • Carryout ambient air quality monitoring as per consent. • Monitoring the stack / chimney. • Hazardous waste management handling and disposal. • Plant and maintain adequate numbers of trees and gardens around the Industry. • Coordinating with outside agency to carry out the AAQ, stack, Fugitive emission, noise level monitoring and water quality parameters checking.
5	Team Leader	<ul style="list-style-type: none"> • Daily ETP department work plan execution. • Smooth operation and CIP of stripper and Quadruple Forced circulation Evaporator. • Preparation of SOP and ETP related documents. • Preparation of monthly returns (Form No.1, Form No.3 & analysis report), Form No.13, Form No.4, Form No.5 and compliance to KSPCB. • Ensuring Plant and Process Safety
6	Associate EHS	<ul style="list-style-type: none"> • Daily ETP department work plan execution. • Smooth operation and CIP of stripper and Quadruple Forced circulation Evaporator. • Preparation of SOP and ETP related documents. • Preparation of monthly returns (Form No.1, Form No.3 & analysis report), Form No.13, Form No.4, Form No.5 and compliance to KSPCB. • Ensuring Plant and Process Safety
7	ETP/ ZLD operator	<ul style="list-style-type: none"> • Sampling the effluent at different stages and analyzing to check the efficiency of the plant such as pH, COD, BOD, TDS, and TSS & MLSS. • Operating the treatment of LTDS effluent in Aerobic system. • Record the readings in the log sheet and preparation of daily report. • Smooth operation and CIP of two stage RO (PTRO1 and PTRO2) plant and reutilization of treated water for utilities. • RO plant troubleshooting measures and treat RO reject in MEE.

Annexure 14

Environment management plan

S. No	Equipment	Capital Cost (in Lakhs)	Recurring Cost (in Lakhs)
1	Green Belt development	10.0	3
2	DG set with Acoustic enclosure	25.0	3.5
3	Solid waste Management	10.0	3.5
4	Boiler Chimney	25.0	5
5	DG Stack	30.0	5
	Total	100.0	20.0

Annexure 15

OneSource Specialty Pharma Limited

Ref. No.: OOSPL/SU2/2024/05/05

Date: 03/05/2024

To,

The Environment Officer
Karnataka State Pollution Control Board,
Regional Office-Doddaballapura,
Urban Eco Park, 100 Ft. Road,
III Phase, Peenya Industrial Area,
Bangalore-560058.

Sub: Submission of Environmental Audit Statement (Form V).

Ref: Combined Consent Order No: AW-335536, Dated: 16/01/2023

Dear Sir,

With reference to the above-mentioned subject, we are here by submitting Environmental Audit Statement (Form V) for the financial year ending with 31st March 2024.

Hence, we request you to accept our returns and acknowledge the same.

Thanking you,

Yours faithfully,

For M/s. OneSource Specialty Pharma Limited.

(Formerly – M/S Stelis Biopharma Ltd)



Authorized Signatory

Encl.:

1. Environmental Audit Statement Form V.



Registered Office: Star 1, Opp RM Bangalore, Bilekahalli,
Bannerghatta Road, Bangalore - 560076, India
Tel: +91 80 6724 0000
E: CS@OneSource.com | W: www.stelis.com
DN: U74140KA2007PLC043095

Annexure-16



Environment, Occupational Health, Safety & Sustainability (EHSS) Policy

Stelis Biopharma, an Integrated Biopharmaceutical enterprise, considers Environment, Occupational Health, Safety and Sustainability (EHSS) to be a fundamental part of long-term business strategy and a driver for sustainable growth.

We are committed to highest standards of Environment, Occupational Health, Safety and Sustainability (EHSS) performance by:-

- Complying with all applicable laws, regulations, legal requirements, and all other applicable requirements.
- Building a network of responsible business partners, to diligently ensure environmental stewardship across the sustainable value chain and product life cycle, starting from sourcing of raw materials to the manufacture and distribution of our products.
- Protecting the environment including prevention of pollution, assessing environmental aspects and impacts, resource conservation including sustainable use of energy and water, reduction of waste through recovery, recycling and reuse, mitigation of climate change risks and protection of biodiversity and ecosystems.
- Providing safe and healthy working environment for our employees, contract workforce, visitors and other stakeholders by eliminating hazards and reducing occupational health and safety risks to prevent work-related injury and ill-health.
- Enhancing awareness among employees and contract workforce through systematic training programs and facilitating communication, consultation and participation of employees and contract workforce by fostering open dialogue in EHSS related matters.
- Providing the framework and resources for setting, reviewing and achieving EHSS objectives & targets, and benchmarking the performance through periodic audits and effective documentation.
- Continual Improvements in EHSS management system through implementation of latest technology and best practices.

Stelis Biopharma management is committed towards implementation of the EHSS policy. This policy is applicable to all operations, employees and contract workforce of Stelis Biopharma.


B. VISHVESH KUMAR

COO, Stelis Biopharma Ltd.

Version No.: 03

Date: 26.05.2022

Stelis Biopharma Limited
(Formerly Stelis Biopharma Private Limited)
CIN: U71140KA2007PLC043095

Corp. Off : Star I, Opp IIM Bangalore Bilekahalli, Bannerghatta Road, Bengaluru - 560 076 India

Tel : +91 90 6784 0000

Regd. Off : #243, Jagan Link Road, Bommasandra, Anekal Taluk, Bengaluru - 560 105 India

Tel : +91 90 6764 0444

E info@stelis.com | W www.stelis.com

Annexure 17

Continues emission monitoring system photograph



Annexure 18

Flame Arrestors Photograph



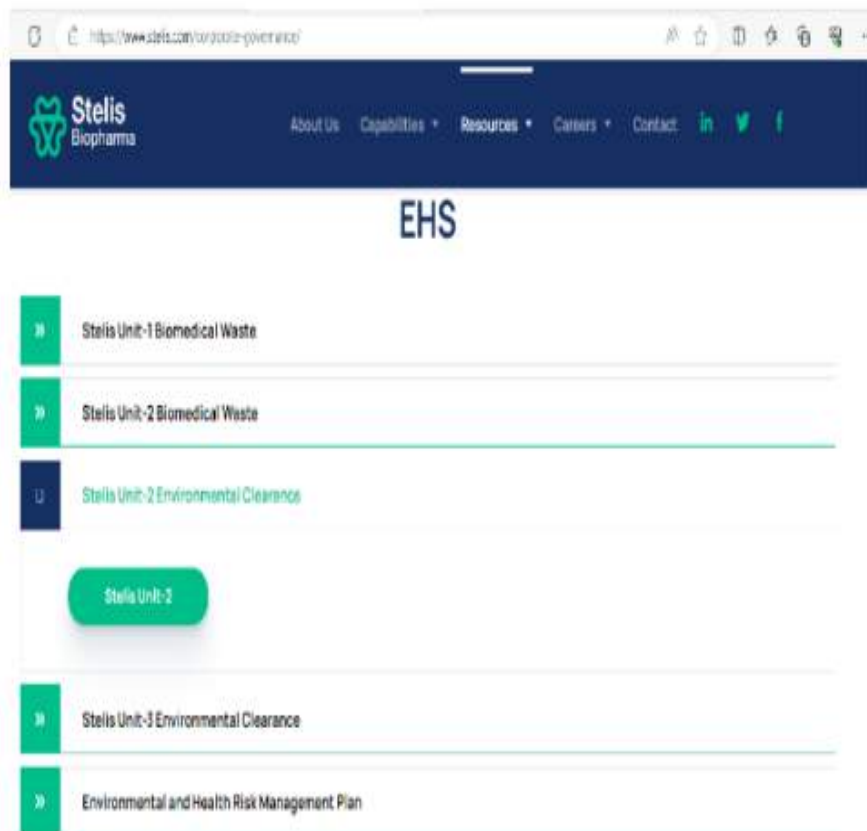
Annexure 19

Parking Area Photograph



Annexure 20

EC Copy uploaded in website



Display Board Photograph



ವರಿಸರದ ಮಾಹಿತಿಯ ಫಲಕ

ENVIRONMENTAL DISPLAY BOARD

ಗಾಳಿ, ನೀರು ಮತ್ತು ಅಪಾಯಕಾರಿ ತ್ಯಾಜ್ಯ ಕುತ್ಯಾದನದ ಸಂಬಂಧಿಸಿದ ಮಾಹಿತಿ

Display of information related to air, water and hazardous waste generation

ಈ ಫಲಕದ ಸ್ಥಾಪನೆಯು ಕೆಳಕಂಡಂತಿರುತ್ತದೆ:

Stellis Biopharma Limited, Unit 8
Plot No. 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 9

Ref: OSSPL/EHS/PCB/2024/02/09

Date: 28.02.2024

To,

The Member Secretary,
State Level Environment Impact Assessment Authority,
Forest, Ecology and Environment Department,
7th floor, 4th wing, M.S. Building, Bangalore-560 001

Sub: Company Name change information and request to name change in all authorization**Factory Address:**

M/s. OneSource Specialty Pharma Limited
(Formerly – M/S Stelis Biopharma Ltd.)
Plot number 2-D1, Obadenahalli, Doddaballapura 3rd Phase,
KIADB, Industrial area, Doddaballapura taluk, Bangalore rural district-561203

Ref: 1. EC Authorization No: EC22B058KA199611

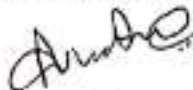
Dear Sir,

This is to inform you that our company had changed the business name with effect from 13th Feb 2024, from M/S Stelis Biopharma limited to **M/S. OneSource Specialty Pharma Limited**. We here by requested to take a note of the same and kindly incorporate the new business name in our all authorization.

We thank the department and refer all the future communications as **M/s OneSource Specialty Pharma Limited**. We look forward to your continuous support and Co-operation.

Thanking you,

Yours sincerely,

For M/s. OneSource Specialty Pharma Limited**Authorized signatory**

Enclosures:

Annexure-1 Certificate of Incorporation





**GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS**

Office of the Registrar of Companies

2, Kendriya Sadana, Bangalore, E' Wing 2nd Floor, Kendriya Sadana, Karnataka, 560034, India

Certificate of Incorporation pursuant to change of name

[Pursuant to rule 29 of the Companies (Incorporation) Rules, 2014]

Corporate Identification Number (CIN): **U74140KA2007PLC043095**

I hereby certify that the name of the company has been changed from STELIS BIOPHARMA LIMITED to ONESOURCE SPECIALTY PHARMA LIMITED with effect from the date of this certificate and that the company is Company limited by shares.

Company was originally incorporated with the name STELIS BIOPHARMA PRIVATE LIMITED

Given under my hand at Bangalore this THIRTEENTH day of FEBRUARY TWO THOUSAND TWENTY FOUR

Signature Not Verified

Digitally signed by
DS MINISTRY OF CORPORATE
AFFAIRS 1
Date: 2024.02.26 16:29:37 IST

Krishna KS

Assistant Registrar of Companies/ Deputy Registrar of Companies/ Registrar of Companies

ROC Bangalore

Note: The corresponding form has been approved by Krishna KS, Registrar of Companies, and this order has been digitally signed by the Registrar of Companies through a system generated digital signature under rule 9(2) of the Companies (Registration Offices and Fees) Rules, 2014.

Mailing Address as per record available in Registrar of Companies office:

ONESOURCE SPECIALTY PHARMA LIMITED

Star 1, Opp IIM Bangalore, Bilekahalli, Bannerghatta Road, Bannerghatta Road, Bangalore South, Bangalore- 560076, Karnataka, India

Note: This certificate of incorporation is in pursuance to change of name by the Company and does not affects the rights and liabilities of stakeholders pursuant to such change of name. It is obligatory on the part of the Company to display the old name for a period of two years along with its new name at all places wherever a Company is required to display its name in terms of Section 12 of the Act. All stakeholders are advised to verify the latest status of the Company and its Directors etc and view public documents of the Company on the website of the Ministry www.mca.gov.in/MCA21

