



SOLARA
Active Pharma Sciences

Communication Address :
Solara Active Pharma Sciences Limited
Plot Nos.120 A&B, 120P & 121, Plot No 36
Industrial Area, Baikampady
New Mangalore-575011. Karnataka, India
Tel : +91 824 2402100,
E-mail : info@solara.com
www.solara.co.in

SAPS/MoEF/EHS-059/2023
29th November - 2023

The Director (S)
Ministry of Environmental and Forests,
Regional Office (South Zone),
4th Floor, E & F Wings,
Kendriya Sadan, 17th Main Road,
II Block, Koramangala,
Bangalore: 560 034.
Phone: 080-25635911

Kind Attn: Additional Director, MoEF Bangalore.

Sir,

Sub: Submission of Half Yearly Compliance reports for the period April -2023 to September - 2023.

With reference to above subject, please find an enclosed a copy of below mentioned reports for your reference.


1. Compliance Status of Environment Clearance.
2. Statistical average data for 6 months on Treated trade effluent, Ambient Air quality monitoring, and Stack emission analysis reports.
3. Ambient Noise monitoring report.
4. Bioassay Report.
5. Soil Analysis Report.

Kindly acknowledge the same.


Thanking you,

Yours faithfully,

For SOLARA ACTIVE PHARMA SCIENCES LIMITED.


Ravi K.R
(GM- Operation)
29/11/2023

CC: The Environmental Officer,
Regional Office, KSPCB, Mangalore.

RECEIVED
Karnataka State Pollution Control Board
Plot No. 10-'B', Baikampady Industrial Area
Mangaluru-575011
7x07 copy received,
on 2.12.23.


**Compliance Statement of Environmental Clearance for the period April -2023 to September -2023.
EC letter No. SEIAA 60 IND 2021 Dated 11.03.2022.**

I	Statutory Compliance	Action plan/ 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.	The industry is located in the KIADB industrial area. Forest (Conservation) Act, 1986 is not applicable.
2.	The project proponent shall obtain clearance from the National Board for wildlife, if applicable	The industry is located in the KIADB industrial area. Clearance from the National Board for Wild forest is not applicable.
3.	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. (in case of the presence of schedule-I species in the study area)	The industry located in the KIADB industries area. Clearance from the National Board for Wild is not applicable.
4.	The project proponent shall obtain consent to Establish / operate under the provisions of Air (Prevention & Control of pollution) Act, 1974 and the water (prevention & control of Pollution) Act, 1974 from the concerned state pollution control Board/ Committee.	We have applied for CFE, it is in under progress and once we received CFE, we will apply for CFO from KSPCB. CFE application submitted to KSPCB on 06.05 2023.
5.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Agreed. Once we received CFO, we will apply for amendment of HWA.
6.	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	We are complying 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	Action plan/ compliance
1.	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 this system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act' 1986 or NABL accredited laboratories.	We will provide 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986. With respect to EC Condition, applied application to obtain CFE from KSPCB on 06.05.2023. Once CFE obtained, Projects will be initiated and completed then CFO to be obtained. Later this condition will be applicable.
2.	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.	We are monitoring fugitive emissions in the plant premises once in quarter through labs recognised under Environment (Protection) Act' 1986. By Hubert Enviro Care System (P) Ltd. (Chemical & Biological Testing)



		Recognized by MOEF, BIS ISO 9001,14001 &45001 Certified. Refer Annexure -01.
3.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e'g PM 10 and PM 2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and out side 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.	We are carrying out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e'g PM 10 and PM 2.5 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. Refer Annexure -02.
4.	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'	We are not using coal fired boiler.
5.	Storage of raw materials, coal etc., shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions'	Raw materials are stored in covered areas to prevent dust pollution and other fugitive emissions.
6.	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.	We are following National emission standards for organic chemicals manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21 st July 2010 and amended time to time. Pl. find attached statistical average values for treated trade effluents for the period of April-2023 to September - 2023. Refer Annexure -03
7.	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	We are carrying out National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November 2009. - Complied. Refer Annexure - 02
III	Water quality monitoring and preservation	Action plan/ compliance
1.	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)	We have provided online continuous monitoring of effluent' the unit and provided web camera with night vision capability and flow meters in the channel drain carrying effluent within the premises. Refer Annexure - 04
2.	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).	Ensured, no waste/treated water discharged outside the premises.
3.	The effluent discharge shall confirm to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by	The effluent discharge confirmed to the standards prescribed under the



	the State pollution control Board while granting Consent under the Air/Water Act, whichever is more stringent.	Environment (Protection) Rules, 1986, or as specified by the State pollution control Board . Pl. find attached statistical average values for treated trade effluents for the period of April-2023 to September -2023. Refer Annexure -03.
4.	Total freshwater 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.	We will ensure Total freshwater requirement will not exceed the proposed quantity or as specified by the committee. We are getting water from MCC water division. Site Permitted water consumption is 215 KLD, Present Water Consumption is between 130 to 140 KLD Refer Annexure – 05.
5.	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.	We ensure that Process effluent and any wastewater not allowed to mix with storm water. The storm water will discharge through a separate conveyance system.
6.	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 the different industrial operations within the plant.	We have adopted rainwater harvesting system and utilizing the same in the different industrial operations within the plant. Refer Annexure – 06.
7.	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 extent regulations and the guidelines in this regard.	Provided as per KSPCB norms. – Complied. The existing DG sets stack height is 22 meters as mentioned in the CFO. Refer Annexure - 07
IV	Noise monitoring and prevention	Action plan/ compliance
1.	Acoustic enclosure shall be provided to DG set for controlling the noise pollution	Acoustic enclosure provided to Existing DG sets for controlling the noise pollution.
2.	The overall noise levels in and around the plant area shall be kept we, within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation	We have provided noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3.	The ambient noise levels should confirm to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during nighttime.	We are carrying out ambient noise levels are confirmed to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night-time. Attached ambient noise levels monitoring report for the month of September - 2023. Refer Annexure - 08
V	Energy Conservation measures	Action plan/ compliance
1.	The energy sources for lighting purposes shall preferably be LED based.	LED based Lightings are provided.
VI	Waste management	Action plan/ compliance



1.	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	Hazardous chemicals are stored in tanks in tank farms, drums, carboys etc. Flame arresters has been provided on tank farm. Solvent transfer has been done by pumps.
2.	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.	Process organic residue and spent carbon Spent catalyst sent to cement industries for coprocessing. (JK Cement Muddapur agreement Validity up to 31.03.2024) ETP sludge, process inorganic & evaporation salt is being disposed off to the TSDF. (Re Sustainability Limited Agreement Validity up to 26.05.2027) Refer Annexure – 09 & 10
3.	The company shall undertake following waste minimization measures: - 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 materials 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.	We have undertaken following waste minimization measures: - a) We have provided Metering for control of quantities of active ingredients to minimize waste. b) Reuse of by-products from the process as raw materials or as raw materials substitutes in other processes. c) We are using of automated filling to minimize spillage. d) We adopted close feed system into batch reactors. e) We have provided vapour recovery system for venting of equipment. f) We are using high pressure hoses for equipment clearing to reduce wastewater generation
VII Green Belt		Action plan/ compliance
1.	The green belt of 5-10 m width shall be developed in more than 36.15% 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'	Site Total 1. Build up area is 36.69% 2. Green belt area is 36.2% 3.Road area is 22.56% 4.Area for future expansion is 4.55% We maintained green belt of 36.2% of area with suitable species of the plants as per the CPCB guidelines to mitigate the effects of fugitive emissions. Selected of plant species as per the CPCB guidelines. Refer Annexure No -11.



VIII	Safety, Public hearing and Human health Issues	Action plan/ compliance
1.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented	Existing we have approved Emergency preparedness plan. We will revise the same as per proposed Project. Refer Annexure - 12
2.	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	Firefighting system provided as per the norms.
3.	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	We are providing PPE as per the norms of Factory Act.
4.	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.	We are conducting Training to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees undertaken on regular basis
5.	Provision shall be made for the housing of construction labour with in 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.	Once we receive CFE form KSPCB required project will initiated during the period we will ensure necessary Infrastructure for the workforce team We will provide 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.
6.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance of the workers done on a regular basis and records maintained as per the Factories Act.
7.	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw material sand finished products, and no parking to be allowed outside on public places.	Adequate space inside the plant premises earmarked for parking of vehicles for raw material sand finished products, and no parking to be allowed outside on public places.
IX	Corporate Environment Responsibility	Action plan/ compliance
1.	The project proponent shall comply with provision contained in OM vide F. No. 22- 65/2017-1A. 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 provision of plantation in Baikampady KIADB Industrial area, and solar streetlights at Baikampady KIADB industrial area, Development of infrastructure of school around the project site, as submitted vide letter dated 17.02.2022.	We are complying with provision contained in OM vide F. No. 22- 65/2017-1A. dated 20th October 2020. CER plan is in place. Budget -10 lakhs has been approved for construction of school building in Borigudde, work is in under progress. 03 lakhs have been approved for plantation and solar street lights at KIADB industrial area, work is in under progress. CSR activity details attached



2.	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 / forests 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 report.	We have well laid down environmental policy duly approve by the Board of Directors. The environmental policy Refer Annexure 13. 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 / forests 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 report.
3.	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.	We have a separate Environmental cell both at the project and company head quarter level, with qualified personnel set up under the control of senior Executive, who will directly to the head of the organization.
4.	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.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company will be prepared and duly approved by competent authority. The year wise funds earmarked for environmental protection measures to 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.
5.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Self-environmental audit conducted annually. Every year third party environmental audit ISO 14001:20115 audit carried out by NQA on August 21 st and 22 nd 2023. Refer Annexure: 14
X	Miscellaneous	Action plan/ compliance
1.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards ai 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.	We have advertised in two local news papers regarding environmental Clerece by the SEIAA. 1. In the Hindu (English Newspaper) dated 29 th Mach 2022. 2. In Vijayavani (Kannada Newspaper) Dated 29 th Mach 2022.



2.	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	We have provided copies of the environmental clearance to local bodies. Refer Annexure: 15
3.	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.	We are uploading 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.
4.	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.	We are monitoring 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.
5.	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'	We 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'
6.	"The HYCR'S 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.bnc-mefcc@.gov.in Hard copy of HYCRs shall not be acceptable"	We are sharing The HYCR'S with its contents of a covering letter, compliance reports, and environmental monitoring data in PDF format merged into a single document is being sent to rosz.bnc-mefcc@.gov.in .
7.	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.	We ensure to submit the environmental statement for the financial year 2022-23 in Form-V in 15.09.2023 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. Refer Annexure - 16
8.	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.	We will 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.
9.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government	Agreed. We Comply the CFO conditions and validity up to 30.06.2026.
10.	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.	Since Site located in KIADB Area since There is no Public Hearing.
11.	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).	Agreed. We will not further expansion or modifications in the plant, without prior approval of this Authority or the Ministry of Environment' Forests and Climate Change (MoEF&CC).
12.	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.	Agreed.
13.	The SEIAA may revoke or suspend the clearance' if implementation of any of the above conditions is not satisfactory.	Agreed.
14.	The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agreed.
15.	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.	Agreed.
16.	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.	Agreed.
17.	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.	Agreed.

Hubert Enviro Care Systems (P) Ltd.

H.O.: # 18, 92nd Street, Ashok Nagar, Chennai - 600 083.
Ph: 42985555 Fax : 42985500 E-mail : labsales@hecs.in

C-45, Industrial Estate, Baikampady, Mangalore, Karnataka - 575011.
Ph: 0824 - 2408111, Email: kro@hecs.in, Website: www.hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
Recognized by MoEF, BIS
ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page No. 1 of 1

Customer Name	M/s. Solara Active Pharma Sciences Limited
Project Site/ Address	Plot No. 120, A & B, New Mangalore, Industrial Area, Baikampady, Mangalore - 575011
Sample Description	Indoor Air Quality
Sample Mark	Plant 1
Sample Drawn by	M/s. Hubert Enviro Care Systems Private Limited
Date of Sampling	08.08.2023
Date of Sample Receipt	09.08.2023
Analysis Commenced On	09.08.2023
Completed On	17.08.2023
Report No	HECS/IA/001/090823
Report Date	18.08.2023

CALIBRATION STATUS OF EQUIPMENT USED FOR SAMPLING AND TESTING

S. No.	Equipment	Make	Model No.	Calibrated On	Due Date
1.	Handy Sampler	Envirotech Instruments Pvt Ltd	APM 821	26.05.2023	26.05.2024
2.	Electronic Weighing Balance	Shimadzu	AUW220D	22.08.2023	22.08.2024
3.	Flue Gas Analyzer	VINTECH EFM 2000	18L15	30.09.2022	30.09.2023
4.	UV VIS Spectrophotometer	King Lab	KLUV-1110	08.10.2022	08.10.2023
5.	ICP-MS	Agilent Technologies	7700x	Internal Calibration	
6.	GC-MS-MS with Head Space Sampler	Agilent Technologies	GC 7890A, MS-MS 7000 Triple Code & HS 7697A	Internal Calibration	
7.	VOC Analyser	Ion Science	Tiger Phoccheck	10.01.2023	10.01.2024

RESULTS

S.No.	Parameters	Units	Results Obtained	Test Method	* OSHA Standards
1.	Suspended Particulate Matter (Total Dust)	mg/m ³	2.2	NIOSH - 0500	OSHAS - 15 mg/m ³ WHO - 15 mg/m ³
2.	Respirable Particulate matter	mg/m ³	1.2	NIOSH - 0600	OSHAS - 5 mg/m ³
3.	Sulphur Dioxide	ppm	0.9	IS 5182 (P-2) -2006	OSHAS - 5 ppm
4.	Nitrogen Dioxide	ppm	1.4	NIOSH - 6014	OSHAS - 5 mg/m ³
5.	Carbon Monoxide	ppm	BDL (DL 0.1)	NIOSH - 6604	OSHAS - 50 ppm
6.	65 VOCs	µg/m ³	BDL (DL 0.1)	HECS/INS/SOP/073	Not Specified
7.	Air Movements	m/s	0.7	HECS/SOP/043	Not Specified
8.	NO _x	µg/m ³	1.8	NIOSH - 6014	OSHAS - 5 mg/m ³
9.	CO ₂	ppm	432	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
10.	O ₂	%	20.7	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
11.	RH	%	68.6 %	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
12.	Temperature	°C	29.4	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
13.	Copper as Cu	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
14.	Cadmium as Cd	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
15.	Silver as Ag	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
16.	Iron as Fe	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
17.	Lead as Pb	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
18.	Aluminium as Al	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
19.	Mercury as Hg	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
					ASHRAE Standards
20.	Total Bacterial Count	CFU/m ³	32.0	APHA 5 th Edition Chapter III	500 max.
21.	Yeast	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
22.	Moulds	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
23.	Legionella	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
24.	Streptococci	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
25.	Staphylococci	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.

Note:-BDL - Below Detection Limit, D.L- Detection Limit, µg/m³- Micrograms per cubic meter, ppm- parts per million, CFU/m³ - Colony Forming Units per cubic meter WHO - World Health Organization; OSHAS - Occupational Health and Safety Assessment Series; ASHRAE- American Society of Heating, Refrigerating and Air Conditioning Engineers

* OSHA - Occupational Safety and Health Administration (3430-04 2011). Indoor Air Quality in Commercial and Institutional Buildings, U.S. Department of Labour.

*****End of Report *****



(Dr K GANESAN - Laboratory and Quality Manager)

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent 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 lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS/Q/FMT/50

page - 01 of 01

H.O.: # 18, 92nd Street, Ashok Nagar, Chennai - 600 063.
Ph: 42985555 Fax : 42985500 E-mail : labsales@hecs.in

(Chemical & Biological Testing)
Recognized by MoEF, BIS
ISO 9001, 14001 & 45001 Certified.

C-45, Industrial Estate, Baikampady, Mangalore, Karnataka - 575011.
Ph: 0824 - 2408111, Email: kro@hecs.in, Website: www.hecs.in

TEST REPORT

Page No. 1 of 1

Customer Name	M/s. Solara Active Pharma Sciences Limited
Project Site/ Address	Plot No. 120, A & B, New Mangalore, Industrial Area, Baikampady, Mangalore - 575011
Sample Description	Indoor Air Quality
Sample Mark	Plant 2
Sample Drawn by	M/s. Hubert Enviro Care Systems Private Limited
Date of Sampling	10.08.2023
Date of Sample Receipt	11.08.2023
Analysis Commenced On	11.08.2023
Completed On	19.08.2023
Report No	HECS/IA/001/110823
Report Date	22.08.2023

CALIBRATION STATUS OF EQUIPMENT USED FOR SAMPLING AND TESTING

S. No.	Equipment	Make	Model No.	Calibrated On	Due Date
1.	Handy Sampler	Envirotech Instruments Pvt Ltd	APM 821	26.05.2023	26.05.2024
2.	Electronic Weighing Balance	Shimadzu	AUW220D	22.08.2023	22.08.2024
3.	Flue Gas Analyzer	VINTECH EFM 2000	18L15	30.09.2022	30.09.2023
4.	UV VIS Spectrophotometer	King Lab	KLUV-1110	08.10.2022	08.10.2023
5.	ICP-MS	Agilent Technologies	7700x	Internal Calibration	
6.	GC-MS-MS with Head Space Sampler	Agilent Technologies	GC 7890A, MS-MS 7000 Triple Code & HS 7697A	Internal Calibration	
7.	VOC Analyser	Ion Science	Tiger Phocheck	10.01.2023	10.01.2024

RESULTS

S.No.	Parameters	Units	Results Obtained	Test Method	* OSHA Standards
1.	Suspended Particulate Matter (Total Dust)	mg/m ³	2.3	NIOSH - 0500	OSHAS - 15 mg/m ³ WHO - 15 mg/m ³
2.	Respirable Particulate matter	mg/m ³	1.2	NIOSH - 0600	OSHAS - 5 mg/m ³
3.	Sulphur Dioxide	ppm	0.7	IS 5182 (P-2) -2006	OSHAS - 5 ppm
4.	Nitrogen Dioxide	ppm	1.1	NIOSH - 6014	OSHAS - 5 mg/m ³
5.	Carbon Monoxide	ppm	BDL (DL 0.1)	NIOSH - 6604	OSHAS - 50 ppm
6.	65 VOCs	µg/m ³	BDL (DL 0.1)	HECS/INS/SOP/073	Not Specified
7.	Air Movements	m/S	0.7	HECS/SOP/043	Not Specified
8.	NO _x	µg/m ³	2.1	NIOSH - 6014	OSHAS - 5 mg/m ³
9.	CO ₂	ppm	412	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
10.	O ₂	%	20.7	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
11.	RH	%	68.6 %	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
12.	Temperature	°C	28.8	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
13.	Copper as Cu	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
14.	Cadmium as Cd	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
15.	Silver as Ag	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
16.	Iron as Fe	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
17.	Lead as Pb	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
18.	Aluminium as Al	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
19.	Mercury as Hg	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
ASHRAE Standards					
20.	Total Bacterial Count	CFU/m ³	38.0	APHA 5 th Edition Chapter III	500 max.
21.	Yeast	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
22.	Moulds	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
23.	Legionella	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
24.	Streptococci	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
25.	Staphylococci	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.

Note: BDL - Below Detection Limit, D.L- Detection Limit, µg/m³- Micrograms per cubic meter, ppm- parts per million, CFU/m³ - Colony Forming Units per cubic meter WHO - World Health Organization; OSHAS - Occupational Health and Safety Assessment Series; ASHRAE- American Society of Heating, Refrigerating and Air Conditioning Engineers

* OSHA - Occupational Safety and Health Administration (3430-04 2011). Indoor Air Quality in Commercial and Institutional Buildings, U.S. Department of Labour.

*****End of Report *****



Authorized Signatory
(Dr K GANESAN - Laboratory and Quality Manager)

Hubert Enviro Care Systems (P) Ltd.

H.O.: # 18, 92nd Street, Ashok Nagar, Chennai - 600 083.
Ph: 42985555 Fax : 42985500 E-mail : labsales@hecs.in

C-45, Industrial Estate, Baikampady, Mangalore, Karnataka - 575011.
Ph: 0824 - 2408111, Email: kro@hecs.in, Website: www.hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
Recognized by MoEF, BIS
ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page No. 1 of 1

Customer Name	M/s. Solara Active Pharma Sciences Limited
Project Site/ Address	Plot No. 120, A & B, New Mangalore, Industrial Area, Baikampady, Mangalore - 575011
Sample Description	Indoor Air Quality
Sample Mark	Plant 3
Sample Drawn by	M/s. Hubert Enviro Care Systems Private Limited
Date of Sampling	11.08.2023
Date of Sample Receipt	12.08.2023
Analysis Commenced On	12.08.2023
Completed On	22.08.2023
Report No	HECS/IA/001/120823
Report Date	23.08.2023

CALIBRATION STATUS OF EQUIPMENT USED FOR SAMPLING AND TESTING

S. No.	Equipment	Make	Model No.	Calibrated On	Due Date
1.	Handy Sampler	Envirotech Instruments Pvt Ltd	APM 821	26.05.2023	26.05.2024
2.	Electronic Weighing Balance	Shimadzu	AUW220D	22.08.2023	22.08.2024
3.	Flue Gas Analyzer	VINTECH EFM 2000	18L15	30.09.2022	30.09.2023
4.	UV VIS Spectrophotometer	King Lab	KLUV-1110	08.10.2022	08.10.2023
5.	ICP-MS	Agilent Technologies	7700x	Internal Calibration	
6.	GC-MS-MS with Head Space Sampler	Agilent Technologies	GC 7890A, MS-MS 7000 Triple Code & HS 7697A	Internal Calibration	
7.	VOC Analyser	Ion Science	Tiger Phoccheck	10.01.2023	10.01.2024

RESULTS

S.No.	Parameters	Units	Results Obtained	Test Method	* OSHA Standards
1.	Suspended Particulate Matter (Total Dust)	mg/m ³	1.9	NIOSH - 0500	OSHAS -15 mg/m ³ WHO - 15 mg/m ³
2.	Respirable Particulate matter	mg/m ³	1.0	NIOSH - 0600	OSHAS -5 mg/m ³
3.	Sulphur Dioxide	ppm	1.2	IS 5182 (P-2) -2006	OSHAS -5 ppm
4.	Nitrogen Dioxide	ppm	1.8	NIOSH - 6014	OSHAS -5 mg/m ³
5.	Carbon Monoxide	ppm	BDL (DL 0.1)	NIOSH - 6604	OSHAS -50 ppm
6.	65 VOCs	µg/m ³	BDL (DL 0.1)	HECS/INS/SOP/073	Not Specified
7.	Air Movements	m/s	2.1	HECS/SOP/043	Not Specified
8.	NO _x	µg/m ³	2.9	NIOSH - 6014	OSHAS - 5 mg/m ³
9.	CO ₂	ppm	426	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
10.	O ₂	%	20.7	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
11.	RH	%	69.5 %	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
12.	Temperature	°C	29.3	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
13.	Copper as Cu	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
14.	Cadmium as Cd	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
15.	Silver as Ag	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
16.	Iron as Fe	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
17.	Lead as Pb	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
18.	Aluminium as Al	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
19.	Mercury as Hg	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
ASHRAE Standards					
20.	Total Bacterial Count	CFU/m ³	22.0	APHA 5 th Edition Chapter III	500 max.
21.	Yeast	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
22.	Moulds	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
23.	Legionella	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
24.	Streptococci	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
25.	Staphylococci	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.

Note:- BDL - Below Detection Limit, D.L- Detection Limit, µg/m³- Micrograms per cubic meter, ppm- parts per million, CFU/m³ - Colony Forming Units per cubic meter WHO - World Health Organization; OSHAS - Occupational Health and Safety Assessment Series; ASHRAE- American Society of Heating, Refrigerating and Air Conditioning Engineers

* OSHA - Occupational Safety and Health Administration (3430-04 2011). Indoor Air Quality in Commercial and Institutional Buildings, U.S. Department of Labour.

*****End of Report *****


 Authorized Signatory
 (Dr K GANESAN - Laboratory and Quality Manager)

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent 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 lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS/Q/FMT/50

Page 01 of 03

H.O.: # 18, 92nd Street, Ashok Nagar, Chennai - 600 083.
Ph: 42985555 Fax : 42985500 E-mail : labsales@hecs.in

(Chemical & Biological Testing)
Recognized by MoEF, BIS
ISO 9001, 14001 & 45001 Certified.

C-45, Industrial Estate, Baikampady, Mangalore, Karnataka - 575011.
Ph: 0824 - 2408111, Email: kro@hecs.in, Website: www.hecs.in

TEST REPORT

Page No. 1 of 1

Customer Name	M/s. Solara Active Pharma Sciences Limited
Project Site/ Address	Plot No. 120, A & B, New Mangalore, Industrial Area, Baikampady, Mangalore - 575011
Sample Description	Indoor Air Quality
Sample Mark	Ware House
Sample Drawn by	M/s. Hubert Enviro Care Systems Private Limited
Date of Sampling	09.08.2023
Date of Sample Receipt	10.08.2023
Analysis Commenced On	10.08.2023
Completed On	18.08.2023
Report No	HECS/IA/001/100823
Report Date	19.08.2023

CALIBRATION STATUS OF EQUIPMENT USED FOR SAMPLING AND TESTING

S. No.	Equipment	Make	Model No.	Calibrated On	Due Date
1.	Handy Sampler	Envirotech Instruments Pvt Ltd	APM 821	26.05.2023	26.05.2024
2.	Electronic Weighing Balance	Shimadzu	AUW220D	22.08.2023	22.08.2024
3.	Flue Gas Analyzer	VINTECH EFM 2000	18L15	30.09.2022	30.09.2023
4.	UV VIS Spectrophotometer	King Lab	KLUV-1110	08.10.2022	08.10.2023
5.	ICP-MS	Agilent Technologies	7700x	Internal Calibration	
6.	GC-MS-MS with Head Space Sampler	Agilent Technologies	GC 7890A, MS-MS 7000 Triple Code & HS 7697A	Internal Calibration	
7.	VOC Analyser	Ion Science	Tiger Phoccheck	10.01.2023	10.01.2024

RESULTS

S.No.	Parameters	Units	Results Obtained	Test Method	* OSHA Standards
1.	Suspended Particulate Matter (Total Dust)	mg/m ³	5.2	NIOSH – 0500	OSHAS -15 mg/m ³ WHO - 15 mg/ m ³
2.	Respirable Particulate matter	mg/m ³	2.1	NIOSH – 0600	OSHAS -5 mg/m ³
3.	Sulphur Dioxide	ppm	0.9	IS 5182 (P-2) -2006	OSHAS -5 ppm
4.	Nitrogen Dioxide	ppm	1.8	NIOSH – 6014	OSHAS -5 mg/m ³
5.	Carbon Monoxide	ppm	0.7	NIOSH – 6604	OSHAS -50 ppm
6.	65 VOCs	µg/m ³	0.9	HECS/INS/SOP/073	Not Specified
7.	Air Movements	m/S	3.4	HECS/SOP/043	Not Specified
8.	NO _x	µg/m ³	2.8	NIOSH - 6014	OSHAS - 5 mg/m ²
9.	CO ₂	ppm	388	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
10.	O ₂	%	20.5	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
11.	RH	%	69.6 %	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
12.	Temperature	°C	30.4	HECS/AIR/AMBIENT/SOP/021, 2013	Not Specified
13.	Copper as Cu	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
14.	Cadmium as Cd	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
15.	Silver as Ag	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
16.	Iron as Fe	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
17.	Lead as Pb	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
18.	Aluminium as Al	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
19.	Mercury as Hg	µg/m ³	BDL (DL 0.0001)	USEPA method - ICP-MS analysis	Not Specified
ASHRAE Standards					
20.	Total Bacterial Count	CFU/m ³	210.0	APHA 5 th Edition Chapter III	500 max.
21.	Yeast	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
22.	Moulds	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
23.	Legionella	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
24.	Streptococci	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.
25.	Staphylococci	CFU/m ³	Absent (DL < 1)	APHA 5 th Edition Chapter III	10 max.

Note:-BDL - Below Detection Limit, D.L- Detection Limit, µg/m³- Micrograms per cubic meter, ppm- parts per million, CFU/m³ - Colony Forming Units per cubic meter WHO - World Health Organization; OSHAS - Occupational Health and Safety Assessment Series; ASHRAE- American Society of Heating, Refrigerating and Air Conditioning Engineers

* OSHA - Occupational Safety and Health Administration (3430-04 2011). Indoor Air Quality in Commercial and Institutional Buildings, U.S. Department of Labour.

*****End of Report *****



(Dr K GANESAN – Laboratory and Quality Manager)

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent 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 lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS/Q/FMT/50

Hubert Enviro Care Systems (P) Ltd.# 7/C-45, Industrial Estate, Balkampady, Mangalore, Karnataka - 575011.
Ph: 0824 - 2408111, Email: kro@hecs.in, Website: www.hecs.inH.O.: # 18, 92nd Street, Ashok Nagar, Chennai - 600 083.
Ph: 42985555 Fax : 42985500 E-mail : labsales@hecs.in**Laboratory Services Division**

(Chemical & Biological Testing)

Recognized by MoEF, BIS

ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page 1 of 1

Customer Name	M/s. Solara Active Pharma Sciences Limited
Project Site/ Address	Plot No. 120, A & B, New Mangalore, Industrial Area, Balkampady, Mangalore - 575011
Sampling Location	Near Main Gate
Sample Description	AAQ 1: Ambient Air Quality Monitoring - (8 hrs/3 samples = 24 hrs/1 day)
Sample Drawn by	M/s. Hubert Enviro Care Systems Private Limited
Sampling Date	01-02.09.2023
Received Date	02.09.2023
Analysis Commenced On	02.09.2023
Completion On	09.09.2023
Report Date	10.09.2023
Report No	HECS/AA/001/020923
Instruments Used	Envirotech APM 460 brushless RDS & Envirotech APM 550 mini FPS

CALIBRATION STATUS OF EQUIPMENT USED FOR SAMPLING AND TESTING

S. No.	Equipment	Make	Model No	Calibrated On	Due Date
1.	Respirable Dust Sampler	Envirotech Instruments	APM/460/2703-DTK-2019	15.07.2023	15.07.2024
2.	Fine Particulate Sampler	Envirotech Instruments	APM/550EL/159-DTB-2015	03.10.2023	03.10.2024
3.	MS Glass Micro Fiber Filter	Micro Separations	MGF/2000-203254	NA	NA
4.	Desiccator	Best lab	NA	NA	NA
5.	Electronic Weighing Balance	Shimadzu	AUW220D	22.08.2023	22.08.2024
6.	UV VIS Spectrophotometer	King Lab	KLUV-1110	Internal Calibration	

Note: NA- Not Applicable

RESULTS

S.No.	PARAMETERS	UNITS	RESULTS	NAAQ STANDARDS : 2009	
				Industrial, Residential, Rural and Other Areas	Ecologically Sensitive Area (Notified by Govt of India)
1.	Particulate Matter < 10 µm	µg/m ³	42.2	100 (24 hours)	60 (Annual)
2.	Particulate Matter < 2.5 µm	µg/m ³	24.7	60 (24 hours)	40 (Annual)
3.	Sulphur Dioxide	µg/m ³	13.3	80 (24 hours)	50 (Annual)
4.	Nitrogen Dioxide	µg/m ³	17.1	80 (24 hours)	40 (Annual)
5.	Carbon Monoxide	mg/m ³	0.3	4 (1 hours)	2 (8 hours)
6.	Lead	µg/m ³	BDL (DL 0.05)	1 (24 hours)	0.5 (Annual)
7.	Ozone	µg/m ³	BDL (DL 10)	180 (1 hours)	100 (8 hours)
8.	Ammonia	µg/m ³	10.6	400 (24 hours)	100 (Annual)
9.	Nickel	ng/m ³	BDL (DL 10)	20 (Annual)	20 (Annual)
10.	Benzene	µg/m ³	BDL (DL 1)	5 (Annual)	5 (Annual)
11.	Benzo (α) pyrene	ng/m ³	BDL (DL 1)	1 (Annual)	1 (Annual)
12.	Arsenic	ng/m ³	BDL (DL 2)	6 (Annual)	6 (Annual)

Test Methods Followed:

PM₁₀: IS 5182 (Pt 23): 2006 (RA 2017) (Gravimetric); PM_{2.5}: HECS/AIR/SOP/002 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); SO₂: IS 5182 (Pt 2): 2001 (RA 2017) (Improved west and Geake method); NO₂: IS 5182 (Pt 6): 2006 (RA 2017) (Jacob and Hochheiser modified method); O₃: HECS/AIR/SOP/005 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); NH₃: HECS/AIR/SOP/006 Issue 02 dt. 13.06.2018 as per CPCB guidelines vol. I (2011); CO: IS 5182 (Pt 10): 1999 (RA 2013); Pb, As, Ni: In-house method based on CPCB guidelines vol. I (2011); C₆H₆: GC FID/ GC MS based on IS: 5182 (Pt 11): 2006 based on CPCB guidelines vol. I (2011); B(α)P: In-house validated method based on CPCB guidelines vol. I (2011) & IS: 5182 (Pt 12): 2004.

BDL =Below detection limit; DL - Detection Limit; PM_{2.5}-Particulate matter size less than 2.5 Micron (DL 10 µg/m³), PM₁₀-Particulate matter size less than 10 Micron (DL 5 µg/m³); SO₂ Sulphur dioxide (DL 5 µg/m³); NO₂ - Nitrogen-di-oxide (DL 6 µg/m³); CO - Carbon Mono Oxide (DL 0.05 mg/m³); O₃-Ozone (DL 10 µg/m³); NH₃-Ammonia (DL 5 µg/m³); Pb-Lead (DL 0.05 µg/m³); As-Arsenic (DL 2 ng/m³); Ni-Nickel (DL 10 ng/m³); Benzene-(DL 1 µg/m³); B(α)P- Benzo -α-pyrene (DL 1 ng/m³); ng/m³: nanogram per cubic meter; µg/m³ - microgram per cubic meter.

CONCLUSION: ALL THE PARAMETERS MEET THE NAAQ STANDARDS

*****End of Report*****

Authorized Signatory
(Dr K Ganesan – Laboratory and Quality Manager)

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent 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 lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS/Q/FMT/50

Hubert Enviro Care Systems (P) Ltd.

7/C-45, Industrial Estate, Baikampady, Mangalore, Karnataka - 575011.
Ph: 0824 - 2408111, Email: kro@hecs.in, Website: www.hecs.in
H.O. No. 2, 92nd Street, Ashok Nagar, Chennai - 600 083.
Ph: 42985555 Fax : 42985500 E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
Recognized by MoEF, BIS
ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page 1 of 1

Customer Name	M/s. Solara Active Pharma Sciences Limited
Project Site/ Address	Plot No. 120, A & B, New Mangalore, Industrial Area, Baikampady, Mangalore - 575011
Sampling Location	Near Main Gate
Sample Description	AAQ 2: Ambient Air Quality Monitoring - (8 hrs/3 samples = 24 hrs/1 day)
Sample Drawn by	M/s. Hubert Enviro Care Systems Private Limited
Sampling Date	04-05.09.2023
Received Date	05.09.2023
Analysis Commenced On	05.09.2023
Completion On	11.09.2023
Report Date	12.09.2023
Report No	HECS/AA/004/050923
Instruments Used	Envirotech APM 460 brushless RDS & Envirotech APM 550 mini FPS

CALIBRATION STATUS OF EQUIPMENT USED FOR SAMPLING AND TESTING

S. No.	Equipment	Make	Model No	Calibrated On	Due Date
1.	Respirable Dust Sampler	Envirotech Instruments	APM/460/2703-DTK-2019	15.07.2023	15.07.2024
2.	Fine Particulate Sampler	Envirotech Instruments	APM/550EL/159-DTB-2015	03.10.2023	03.10.2024
3.	MS Glass Micro Fiber Filter	Micro Separations	MGF/2000-203254	NA	NA
4.	Desiccator	Best lab	NA	NA	NA
5.	Electronic Weighing Balance	Shimadzu	AUW220D	22.08.2023	22.08.2024
6.	UV VIS Spectrophotometer	King Lab	KLUV-1110	Internal Calibration	

Note: NA- Not Applicable

RESULTS

S.No.	PARAMETERS	UNITS	RESULTS	NAAQ STANDARDS : 2009	
				Industrial, Residential, Rural and Other Areas	Ecologically Sensitive Area (Notified by Govt of India)
1.	Particulate Matter < 10 µm	µg/m ³	42.2	100 (24 hours)	60 (Annual)
2.	Particulate Matter < 2.5 µm	µg/m ³	23.9	60 (24 hours)	40 (Annual)
3.	Sulphur Dioxide	µg /m ³	13.3	80 (24 hours)	50 (Annual)
4.	Nitrogen Dioxide	µg/m ³	15.6	80 (24 hours)	40 (Annual)
5.	Carbon Monoxide	mg/m ³	0.3	4 (1 hours)	2 (8 hours)
6.	Lead	µg/m ³	BDL (DL 0.05)	1 (24 hours)	0.5 (Annual)
7.	Ozone	µg/m ³	BDL (DL 10)	180 (1 hours)	100 (8 hours)
8.	Ammonia	µg/m ³	10.7	400 (24 hours)	100 (Annual)
9.	Nickel	ng/m ³	BDL (DL 10)	20 (Annual)	20 (Annual)
10.	Benzene	µg/m ³	BDL (DL 1)	5 (Annual)	5 (Annual)
11.	Benzo (α) pyrene	ng/m ³	BDL (DL 1)	1 (Annual)	1 (Annual)
12.	Arsenic	ng/m ³	BDL (DL 2)	6 (Annual)	6 (Annual)

Test Methods Followed:

PM₁₀: IS 5182 (Pt 23): 2006 (RA 2017) (Gravimetric); PM_{2.5}: HECS/AIR/SOP/002 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); SO₂: IS 5182 (Pt 2): 2001 (RA 2017) (Improved wet and Geake method); NO₂: IS 5182 (Pt 6): 2006 (RA 2017) (Jacob and Hochheiser modified method); O₃: HECS/AIR/SOP/005 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); NH₃: HECS/AIR/SOP/006 Issue 02 dt. 13.06.2018 as per CPCB guidelines vol. I (2011); CO: IS 5182 (Pt 10): 1999 (RA 2013); Pb, As, Ni: In-house method based on CPCB guidelines vol. I (2011); C₆H₆: GC FID/ GC MS based on IS: 5182 (Pt 11): 2006 based on CPCB guidelines vol. I (2011); B(α)P: In-house validated method based on CPCB guidelines vol. I (2011) & IS: 5182 (Pt 12): 2004.

BDL =Below detection limit; DL - Detection Limit; PM_{2.5}-Particulate matter size less than 2.5 Micron (DL 10 µg/m³), PM₁₀-Particulate matter size less than 10 Micron (DL 5 µg/m³); SO₂ Sulphur dioxide (DL 5 µg/m³); NO₂ - Nitrogen-di-oxide (DL 6 µg/m³); CO - Carbon Mono Oxide (DL 0.05 mg/m³); O₃-Ozone (DL 10 µg/m³); NH₃-Ammonia (DL 5 µg/m³); Pb-Lead (DL 0.05 µg/m³); As-Arsenic (DL 2 ng/m³); Ni-Nickel (DL 10 ng/m³); Benzene-(DL 1 µg/m³);B(α)P- Benzo -α-pyrene (DL 1 ng/m³); ng/m³: nanogram per cubic meter; µg/m³ - microgram per cubic meter.

CONCLUSION: ALL THE PARAMETERS MEET THE NAAQ STANDARDS

*****End of Report *****

Authorized Signatory
(Dr K Ganesan – Laboratory and Quality Manager)



1. The report in full or part shall not be used for any promotional or publicity purpose without written consent 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 lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS/Q/FMT/50

page 01 of 02

Hubert Enviro Care Systems (P) Ltd.

7/C-45, Industrial Estate, Baikampady, Mangalore, Karnataka - 575011.
 Ph: 0824 - 2408111, Email: kro@hecs.in, Website: www.hecs.in
 H.O.: # 18, 92nd Street, Ashok Nagar, Chennai - 600 083.
 Ph: 42985555 Fax : 42985500 E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
 Recognized by MoEF, BIS
 ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page 1 of 1

Customer Name	M/s. Solara Active Pharma Sciences Limited
Project Site/ Address	Plot No. 120, A & B, New Mangalore, Industrial Area, Baikampady, Mangalore - 575011
Sampling Location	Near Old Canteen
Sample Description	AAQ 3: Ambient Air Quality Monitoring - (8 hrs/3 samples = 24 hrs/1 day)
Sample Drawn by	M/s. Hubert Enviro Care Systems Private Limited
Sampling Date	08-09.2023
Received Date	09.09.2023
Analysis Commenced On	09.09.2023
Completion On	13.09.2023
Report Date	14.09.2023
Report No	HECS/AA/003/090923
Instruments Used	Envirotech APM 460 brushless RDS & Envirotech APM 550 mini FPS

CALIBRATION STATUS OF EQUIPMENT USED FOR SAMPLING AND TESTING

S. No.	Equipment	Make	Model No	Calibrated On	Due Date
1.	Respirable Dust Sampler	Envirotech Instruments	APM/460/2703-DTK-2019	15.07.2023	15.07.2024
2.	Fine Particulate Sampler	Envirotech Instruments	APM/550EL/159-DTB-2015	03.10.2023	03.10.2024
3.	MS Glass Micro Fiber Filter	Micro Separations	MGF/2000-203254	NA	NA
4.	Desiccator	Best lab	NA	NA	NA
5.	Electronic Weighing Balance	Shimadzu	AUW220D	22.08.2023	22.08.2024
6.	UV VIS Spectrophotometer	King Lab	KLUV-1110	Internal Calibration	

Note: NA- Not Applicable

RESULTS

S.No.	PARAMETERS	UNITS	RESULTS	NAAQ STANDARDS : 2009	
				Industrial, Residential, Rural and Other Areas	Ecologically Sensitive Area (Notified by Govt of India)
1.	Particulate Matter < 10 µm	µg/m ³	39.6	100 (24 hours)	60 (Annual)
2.	Particulate Matter < 2.5 µm	µg/m ³	23.3	60 (24 hours)	40 (Annual)
3.	Sulphur Dioxide	µg/m ³	15.9	80 (24 hours)	50 (Annual)
4.	Nitrogen Dioxide	µg/m ³	17.2	80 (24 hours)	40 (Annual)
5.	Carbon Monoxide	mg/m ³	0.4	4 (1 hours)	2 (8 hours)
6.	Lead	µg/m ³	BDL (DL 0.05)	1 (24 hours)	0.5 (Annual)
7.	Ozone	µg/m ³	BDL (DL 10)	180 (1 hours)	100 (8 hours)
8.	Ammonia	µg/m ³	11.8	400 (24 hours)	100 (Annual)
9.	Nickel	ng/m ³	BDL (DL 10)	20 (Annual)	20 (Annual)
10.	Benzene	µg/m ³	BDL (DL 1)	5 (Annual)	5 (Annual)
11.	Benzo (α) pyrene	ng/m ³	BDL (DL 1)	1 (Annual)	1 (Annual)
12.	Arsenic	ng/m ³	BDL (DL 2)	6 (Annual)	6 (Annual)

Test Methods Followed:

PM₁₀: IS 5182 (Pt 23): 2006 (RA 201) (Gravimetric); PM_{2.5}: HECS/AIR/SOP/002 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); SO₂: IS 5182 (Pt 2): 2001 (RA 2017) (Improved west and Geake method); NO₂: IS 5182 (Pt 6): 2006 (RA 2017) (Jacob and Hochheiser modified method); O₃: HECS/AIR/SOP/005 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); NH₃: HECS/AIR/SOP/006 Issue 02 dt. 13.06.2018 as per CPCB guidelines vol. I (2011); CO: IS 5182 (Pt 10): 1999 (RA 2013); Pb, As, Ni: In-house method based on CPCB guidelines vol. I (2011); C₆H₆: GC FID/ GC MS based on IS: 5182 (Pt 11): 2006 based on CPCB guidelines vol. I (2011); B(α)P: In-house validated method based on CPCB guidelines vol. I (2011) & IS: 5182 (Pt 12): 2004.

BDL =Below detection limit; DL - Detection Limit; PM_{2.5}-Particulate matter size less than 2.5 Micron (DL 10 µg/m³), PM₁₀-Particulate matter size less than 10 Micron (DL 5 µg/m³); SO₂ Sulphur dioxide (DL 5 µg/m³); NO₂ - Nitrogen-di-oxide (DL 6 µg/m³); CO - Carbon Mono Oxide (DL 0.05 mg/m³); O₃-Ozone (DL 10 µg/m³); NH₃-Ammonia (DL 5 µg/m³); Pb-Lead (DL 0.05 µg/m³); As-Arsenic (DL 2 ng/m³); Ni-Nickel (DL 10 ng/m³); Benzene-(DL 1 µg/m³); B(α)P- Benzo -α-pyrene (DL 1 ng/m³); ng/m³: nanogram per cubic meter; µg/m³ - microgram per cubic meter.

CONCLUSION: ALL THE PARAMETERS MEET THE NAAQ STANDARDS

*****End of Report *****

Authorized Signatory
 (Dr K Ganesan – Laboratory and Quality Manager)



1. The report in full or part shall not be used for any promotional or publicity purpose without written consent 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 lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS/Q/FMT/50

Page 01 of 03

TEST REPORT

Page 1 of 1

Customer Name	M/s. Solara Active Pharma Sciences Limited
Project Site/ Address	Plot No. 120, A & B, New Mangalore, Industrial Area, Baikampady, Mangalore - 575011
Sampling Location	Near Old Canteen
Sample Description	AAQ 4: Ambient Air Quality Monitoring - (8 hrs/3 samples = 24 hrs/1 day)
Sample Drawn by	M/s. Hubert Enviro Care Systems Private Limited
Sampling Date	11-12.09.2023
Received Date	12.09.2023
Analysis Commenced On	12.09.2023
Completion On	18.09.2023
Report Date	19.09.2023
Report No	HECS/AA/001/120923
Instruments Used	Envirotech APM 460 brushless RDS & Envirotech APM 550 mini FPS

CALIBRATION STATUS OF EQUIPMENT USED FOR SAMPLING AND TESTING

S. No.	Equipment	Make	Model No	Calibrated On	Due Date
1.	Respirable Dust Sampler	Envirotech Instruments	APM/460/2703-DTK-2019	15.07.2023	15.07.2024
2.	Fine Particulate Sampler	Envirotech Instruments	APM/550EL/159-DTB-2015	03.10.2023	03.10.2024
3.	MS Glass Micro Fiber Filter	Micro Separations	MGF/2000-203254	NA	NA
4.	Desiccator	Best lab	NA	NA	NA
5.	Electronic Weighing Balance	Shimadzu	AUW220D	22.08.2023	22.08.2024
6.	UV VIS Spectrophotometer	King Lab	KLUV-1110	Internal Calibration	

Note: NA- Not Applicable

RESULTS

S.No.	PARAMETERS	UNITS	RESULTS	NAAQ STANDARDS : 2009	
				Industrial, Residential, Rural and Other Areas	Ecologically Sensitive Area (Notified by Govt of India)
1.	Particulate Matter < 10 µm	µg/m ³	34.8	100 (24 hours)	60 (Annual)
2.	Particulate Matter < 2.5 µm	µg/m ³	21.3	60 (24 hours)	40 (Annual)
3.	Sulphur Dioxide	µg/m ³	15.5	80 (24 hours)	50 (Annual)
4.	Nitrogen Dioxide	µg/m ³	17.4	80 (24 hours)	40 (Annual)
5.	Carbon Monoxide	mg/m ³	0.3	4 (1 hours)	2 (8 hours)
6.	Lead	µg/m ³	BDL (DL 0.05)	1 (24 hours)	0.5 (Annual)
7.	Ozone	µg/m ³	BDL (DL 10)	180 (1 hours)	100 (8 hours)
8.	Ammonia	µg/m ³	10.8	400 (24 hours)	100 (Annual)
9.	Nickel	ng/m ³	BDL (DL 10)	20 (Annual)	20 (Annual)
10.	Benzene	µg/m ³	BDL (DL 1)	5 (Annual)	5 (Annual)
11.	Benzo (α) pyrene	ng/m ³	BDL (DL 1)	1 (Annual)	1 (Annual)
12.	Arsenic	ng/m ³	BDL (DL 2)	6 (Annual)	6 (Annual)

Test Methods Followed:

PM₁₀: IS 5182 (Pt 23): 2006 (RA 2017) (Gravimetric); PM_{2.5}: HECS/AIR/SOP/002 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); SO₂: IS 5182 (Pt 2): 2001 (RA 2017) (Improved wet and Geake method); NO₂: IS 5182 (Pt 6): 2006 (RA 2017) (Jacob and Hochheiser modified method); O₃: HECS/AIR/SOP/005 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); NH₃: HECS/AIR/SOP/006 Issue 02 dt. 13.06.2018 as per CPCB guidelines vol. I (2011); CO: IS 5182 (Pt 10): 1999 (RA 2013); Pb, As, Ni: In-house method based on CPCB guidelines vol. I (2011); C₆H₆: GC FID/ GC MS based on IS: 5182 (Pt 11) : 2006 based on CPCB guidelines vol. I (2011); B(α)P: In-house validated method based on CPCB guidelines vol. I (2011) & IS: 5182 (Pt 12): 2004.

BDL =Below detection limit; DL - Detection Limit; PM_{2.5}-Particulate matter size less than 2.5 Micron (DL 10 µg/m³) , PM₁₀-Particulate matter size less than 10 Micron (DL 5 µg/m³); SO₂ Sulphur dioxide (DL 5 µg/m³); NO₂ - Nitrogen-di-oxide (DL 6 µg/m³); CO - Carbon Mono Oxide (DL 0.05 mg/m³); O₃-Ozone (DL 10 µg/m³); NH₃-Ammonia (DL 5 µg/m³); Pb-Lead (DL 0.05 µg/m³); As-Arsenic (DL 2 ng/m³); Ni-Nickel (DL 10 ng/m³); Benzene-(DL 1 µg/m³);B(α)P- Benzo -α-pyrene (DL 1 ng/m³); ng/m³: nanogram per cubic meter; µg/m³ - microgram per cubic meter.

CONCLUSION: ALL THE PARAMETERS MEET THE NAAQ STANDARDS

*****End of Report *****

Authorized Signatory
(Dr K Ganesan – Laboratory and Quality Manager)



Hubert Enviro Care Systems (P) Ltd.

7/C-45, Industrial Estate, Baikampady, Mangalore, Karnataka - 575011.
 Ph: 0824 - 2408111, Email: kro@hecs.in, Website: www.hecs.in
 H.O.: # 18, 92nd Street, Ashok Nagar, Chennai - 600 083.
 Ph: 42985555 Fax : 42985500 E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
 Recognized by MoEF, BIS
 ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page 1 of 1

Customer Name	M/s. Solara Active Pharma Sciences Limited
Project Site/ Address	Plot No. 120, A & B, New Mangalore, Industrial Area, Baikampady, Mangalore - 575011
Sampling Location	Near Chiller
Sample Description	AAQ 5: Ambient Air Quality Monitoring - (8 hrs/3 samples = 24 hrs/1 day)
Sample Drawn by	M/s. Hubert Enviro Care Systems Private Limited
Sampling Date	14-15.09.2023
Received Date	15.09.2023
Analysis Commenced On	15.09.2023
Completion On	21.09.2023
Report Date	22.09.2023
Report No	HECS/AA/002/150923
Instruments Used	Envirotech APM 460 brushless RDS & Envirotech APM 550 mini FPS

CALIBRATION STATUS OF EQUIPMENT USED FOR SAMPLING AND TESTING

S. No.	Equipment	Make	Model No	Calibrated On	Due Date
1.	Respirable Dust Sampler	Envirotech Instruments	APM/460/2703-DTK-2019	15.07.2023	15.07.2024
2.	Fine Particulate Sampler	Envirotech Instruments	APM/550EL/159-DTB-2015	03.10.2023	03.10.2024
3.	MS Glass Micro Fiber Filter	Micro Separations	MGF/2000-203254	NA	NA
4.	Desiccator	Best lab	NA	NA	NA
5.	Electronic Weighing Balance	Shimadzu	AUW220D	22.08.2023	22.08.2024
6.	UV VIS Spectrophotometer	King Lab	KLUV-1110	Internal Calibration	

Note: NA- Not Applicable

RESULTS

S.No.	PARAMETERS	UNITS	RESULTS	NAAQ STANDARDS : 2009	
				Industrial, Residential, Rural and Other Areas	Ecologically Sensitive Area (Notified by Govt of India)
1.	Particulate Matter < 10 µm	µg/m ³	33.3	100 (24 hours)	60 (Annual)
2.	Particulate Matter < 2.5 µm	µg/m ³	19.2	60 (24 hours)	40 (Annual)
3.	Sulphur Dioxide	µg/m ³	14.1	80 (24 hours)	50 (Annual)
4.	Nitrogen Dioxide	µg/m ³	17.5	80 (24 hours)	40 (Annual)
5.	Carbon Monoxide	mg/m ³	0.5	4 (1 hours)	2 (8 hours)
6.	Lead	µg/m ³	BDL (DL 0.05)	1 (24 hours)	0.5 (Annual)
7.	Ozone	µg/m ³	BDL (DL 10)	180 (1 hours)	100 (8 hours)
8.	Ammonia	µg/m ³	11.1	400 (24 hours)	100 (Annual)
9.	Nickel	ng/m ³	BDL (DL 10)	20 (Annual)	20 (Annual)
10.	Benzene	µg/m ³	BDL (DL 1)	5 (Annual)	5 (Annual)
11.	Benzo (α) pyrene	ng/m ³	BDL (DL 1)	1 (Annual)	1 (Annual)
12.	Arsenic	ng/m ³	BDL (DL 2)	6 (Annual)	6 (Annual)

Test Methods Followed:

PM₁₀: IS 5182 (Pt 23): 2006 (RA 2017) (Gravimetric); PM_{2.5}: HECS/AIR/SOP/002 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); SO₂: IS 5182 (Pt 2): 2001 (RA 2017) (Improved wet and Geake method); NO₂: IS 5182 (Pt 6): 2006 (RA 2017) (Jacob and Hochheiser modified method); O₃: HECS/AIR/SOP/005 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); NH₃: HECS/AIR/SOP/006 Issue 02 dt. 13.06.2018 as per CPCB guidelines vol. I (2011); CO: IS 5182 (Pt 10): 1999 (RA 2013); Pb, As, Ni: In-house method based on CPCB guidelines vol. I (2011); C₆H₆: GC FID/ GC MS based on IS: 5182 (Pt 11): 2006 based on CPCB guidelines vol. I (2011); B(α)P: In-house validated method based on CPCB guidelines vol. I (2011) & IS: 5182 (Pt 12): 2004.

BDL =Below detection limit; DL - Detection Limit; PM_{2.5}-Particulate matter size less than 2.5 Micron (DL 10 µg/m³), PM₁₀-Particulate matter size less than 10 Micron (DL 5 µg/m³); SO₂ Sulphur dioxide (DL 5 µg/m³); NO₂ - Nitrogen-di-oxide (DL 6 µg/m³); CO - Carbon Mono Oxide (DL 0.05 mg/m³); O₃-Ozone (DL 10 µg/m³); NH₃-Ammonia (DL 5 µg/m³); Pb-Lead (DL 0.05 µg/m³); As-Arsenic (DL 2 ng/m³); Ni-Nickel (DL 10 ng/m³); Benzene-(DL 1 µg/m³); B(α)P- Benzo -α-pyrene (DL 1 ng/m³); ng/m³: nanogram per cubic meter; µg/m³ - microgram per cubic meter.

CONCLUSION: ALL THE PARAMETERS MEET THE NAAQ STANDARDS

*****End of Report *****

Authorized Signatory
 (Dr K Ganesan – Laboratory and Quality Manager)



1. The report in full or part shall not be used for any promotional or publicity purpose without written consent 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 lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS/Q/FMT/50

page 01 of 05

Hubert Enviro Care Systems (P) Ltd.

7/C-45, Industrial Estate, Baikampady, Mangalore, Karnataka - 575011.
 Ph: 0824 - 2408111, Email: kro@hecs.in, Website: www.hecs.in
 H.O.: # 18, 92nd Street, Ashok Nagar, Chennai - 600 083.
 Ph: 42985555 Fax : 42985500 E-mail : labsales@hecs.in

Laboratory Services Division
 (Chemical & Biological Testing)
 Recognized by MoEF, BIS
 ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page 1 of 1

Customer Name	M/s. Solara Active Pharma Sciences Limited
Project Site/ Address	Plot No. 120, A & B, New Mangalore, Industrial Area, Baikampady, Mangalore - 575011
Sampling Location	Near Chiller
Sample Description	AAQ 6: Ambient Air Quality Monitoring - (8 hrs/3 samples = 24 hrs/1 day)
Sample Drawn by	M/s. Hubert Enviro Care Systems Private Limited
Sampling Date	18-19.09.2023
Received Date	19.09.2023
Analysis Commenced On	19.09.2023
Completion On	25.09.2023
Report Date	26.09.2023
Report No	HECS/AA/001/190923
Instruments Used	Envirotech APM 460 brushless RDS & Envirotech APM 550 mini FPS

CALIBRATION STATUS OF EQUIPMENT USED FOR SAMPLING AND TESTING

S. No.	Equipment	Make	Model No	Calibrated On	Due Date
1.	Respirable Dust Sampler	Envirotech Instruments	APM/460/2703-DTK-2019	15.07.2023	15.07.2024
2.	Fine Particulate Sampler	Envirotech Instruments	APM/550EL/159-DTB-2015	03.10.2023	03.10.2024
3.	MS Glass Micro Fiber Filter	Micro Separations	MGF/2000-203254	NA	NA
4.	Desiccator	Best lab	NA	NA	NA
5.	Electronic Weighing Balance	Shimadzu	AUW220D	22.08.2023	22.08.2024
6.	UV VIS Spectrophotometer	King Lab	KLUV-1110	Internal Calibration	

Note: NA- Not Applicable

RESULTS

S.No.	PARAMETERS	UNITS	RESULTS	NAAQ STANDARDS : 2009	
				Industrial, Residential, Rural and Other Areas	Ecologically Sensitive Area (Notified by Govt of India)
1.	Particulate Matter < 10 µm	µg/m ³	33.4	100 (24 hours)	60 (Annual)
2.	Particulate Matter < 2.5 µm	µg/m ³	17.5	60 (24 hours)	40 (Annual)
3.	Sulphur Dioxide	µg /m ³	12.3	80 (24 hours)	50 (Annual)
4.	Nitrogen Dioxide	µg/m ³	15.8	80 (24 hours)	40 (Annual)
5.	Carbon Monoxide	mg/m ³	0.4	4 (1 hours)	2 (8 hours)
6.	Lead	µg/m ³	BDL (DL 0.05)	1 (24 hours)	0.5 (Annual)
7.	Ozone	µg/m ³	BDL (DL 10)	180 (1 hours)	100 (8 hours)
8.	Ammonia	µg/m ³	10.8	400 (24 hours)	100 (Annual)
9.	Nickel	ng/m ³	BDL (DL 10)	20 (Annual)	20 (Annual)
10.	Benzene	µg/m ³	BDL (DL 1)	5 (Annual)	5 (Annual)
11.	Benzo (α) pyrene	ng/m ³	BDL (DL 1)	1 (Annual)	1 (Annual)
12.	Arsenic	ng/m ³	BDL (DL 2)	6 (Annual)	6 (Annual)

Test Methods Followed:

PM₁₀: IS 5182 (Pt 23): 2006 (RA 2017) (Gravimetric); PM_{2.5}: HECS/AIR/SOP/002 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); SO₂: IS 5182 (Pt 2): 2001 (RA 2017) (Improved wet and Geake method); NO₂: IS 5182 (Pt 6): 2006 (RA 2017) (Jacob and Hochheiser modified method); O₃: HECS/AIR/SOP/005 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); NH₃: HECS/AIR/SOP/006 Issue 02 dt. 13.06.2018 as per CPCB guidelines vol. I (2011); CO: IS 5182 (Pt 10): 1999 (RA 2013); Pb, As, Ni: In-house method based on CPCB guidelines vol. I (2011); C₆H₆: GC FID/ GC MS based on IS: 5182 (Pt 11): 2006 based on CPCB guidelines vol. I (2011); B(α)P: In-house validated method based on CPCB guidelines vol. I (2011) & IS: 5182 (Pt 12): 2004.

BDL =Below detection limit; DL - Detection Limit; PM_{2.5}-Particulate matter size less than 2.5 Micron (DL 10 µg/m³), PM₁₀-Particulate matter size less than 10 Micron (DL 5 µg/m³); SO₂ Sulphur dioxide (DL 5 µg/m³); NO₂ - Nitrogen-di-oxide (DL 6 µg/m³); CO - Carbon Mono Oxide (DL 0.05 mg/m³); O₃-Ozone (DL 10 µg/m³); NH₃-Ammonia (DL 5 µg/m³); Pb-Lead (DL 0.05 µg/m³); As-Arsenic (DL 2 ng/m³); Ni-Nickel (DL 10 ng/m³); Benzene-(DL 1 µg/m³); B(α)P- Benzo -α-pyrene (DL 1 ng/m³); ng/m³: nanogram per cubic meter; µg/m³ - microgram per cubic meter.

CONCLUSION: ALL THE PARAMETERS MEET THE NAAQ STANDARDS

*****End of Report *****

Authorized Signatory
 (Dr K Ganesan - Laboratory and Quality Manager)



1. The report in full or part shall not be used for any promotional or publicity purpose without written consent 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 lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS/Q/FMT/50

Page 01 of 06

Hubert Enviro Care Systems (P) Ltd.

7/C-45, Industrial Estate, Baikampady, Mangalore, Karnataka - 575011.
 Ph: 0824 - 2408111, Email: kro@hecs.in, Website: www.hecs.in
 H.O.: # 18, 92nd Street, Ashok Nagar, Chennai - 600 083.
 Ph: 42985555 Fax : 42985500 E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
 Recognized by MoEF, BIS
 ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page 1 of 1

Customer Name	M/s. Solara Active Pharma Sciences Limited
Project Site/ Address	Plot No. 120, A & B, New Mangalore, Industrial Area, Baikampady, Mangalore - 575011
Sampling Location	Near ETP
Sample Description	AAQ 7: Ambient Air Quality Monitoring - (8 hrs/3 samples = 24 hrs/1 day)
Sample Drawn by	M/s. Hubert Enviro Care Systems Private Limited
Sampling Date	21-22.09.2023
Received Date	22.09.2023
Analysis Commenced On	22.09.2023
Completion On	26.09.2023
Report Date	27.09.2023
Report No	HECS/AA/004/220923
Instruments Used	Envirotech APM 460 brushless RDS & Envirotech APM 550 mini FPS

CALIBRATION STATUS OF EQUIPMENT USED FOR SAMPLING AND TESTING

S. No.	Equipment	Make	Model No	Calibrated On	Due Date
1.	Respirable Dust Sampler	Envirotech Instruments	APM/460/2703-DTK-2019	15.07.2023	15.07.2024
2.	Fine Particulate Sampler	Envirotech Instruments	APM/550EL/159-DTB-2015	03.10.2023	03.10.2024
3.	MS Glass Micro Fiber Filter	Micro Separations	MGF/2000-203254	NA	NA
4.	Desiccator	Best lab	NA	NA	NA
5.	Electronic Weighing Balance	Shimadzu	AUW220D	22.08.2023	22.08.2024
6.	UV VIS Spectrophotometer	King Lab	KLUV-1110	Internal Calibration	

Note: NA- Not Applicable

RESULTS

S.No.	PARAMETERS	UNITS	RESULTS	NAAQ STANDARDS : 2009	
				Industrial, Residential, Rural and Other Areas	Ecologically Sensitive Area (Notified by Govt of India)
1.	Particulate Matter < 10 µm	µg/m ³	42.2	100 (24 hours)	60 (Annual)
2.	Particulate Matter < 2.5 µm	µg/m ³	23.3	60 (24 hours)	40 (Annual)
3.	Sulphur Dioxide	µg/m ³	16.1	80 (24 hours)	50 (Annual)
4.	Nitrogen Dioxide	µg/m ³	18.5	80 (24 hours)	40 (Annual)
5.	Carbon Monoxide	mg/m ³	0.2	4 (1 hours)	2 (8 hours)
6.	Lead	µg/m ³	BDL (DL 0.05)	1 (24 hours)	0.5 (Annual)
7.	Ozone	µg/m ³	BDL (DL 10)	180 (1 hours)	100 (8 hours)
8.	Ammonia	µg/m ³	11.7	400 (24 hours)	100 (Annual)
9.	Nickel	ng/m ³	BDL (DL 10)	20 (Annual)	20 (Annual)
10.	Benzene	µg/m ³	BDL (DL 1)	5 (Annual)	5 (Annual)
11.	Benzo (α) pyrene	ng/m ³	BDL (DL 1)	1 (Annual)	1 (Annual)
12.	Arsenic	ng/m ³	BDL (DL 2)	6 (Annual)	6 (Annual)

Test Methods Followed:

PM₁₀: IS 5182 (Pt 23): 2006 (RA 2017) (Gravimetric); PM_{2.5}: HECS/AIR/SOP/002 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); SO₂: IS 5182 (Pt 2): 2001 (RA 2017) (Improved wet and Geake method); NO₂: IS 5182 (Pt 6): 2006 (RA 2017) (Jacob and Hochheiser modified method); O₃: HECS/AIR/SOP/005 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); NH₃: HECS/AIR/SOP/006 Issue 02 dt. 13.06.2018 as per CPCB guidelines vol. I (2011); CO: IS 5182 (Pt 10): 1999 (RA 2013); Pb, As, Ni: In-house method based on CPCB guidelines vol. I (2011); C₆H₆: GC FID/ GC MS based on IS: 5182 (Pt 11): 2006 based on CPCB guidelines vol. I (2011); B(α)P: In-house validated method based on CPCB guidelines vol. I (2011) & IS: 5182 (Pt 12): 2004.

BDL =Below detection limit; DL - Detection Limit; PM_{2.5}-Particulate matter size less than 2.5 Micron (DL 10 µg/m³), PM₁₀-Particulate matter size less than 10 Micron (DL 5 µg/m³); SO₂ Sulphur dioxide (DL 5 µg/m³); NO₂ - Nitrogen-di-oxide (DL 6 µg/m³); CO - Carbon Mono Oxide (DL 0.05 mg/m³); O₃-Ozone (DL 10 µg/m³); NH₃-Ammonia (DL 5 µg/m³); Pb-Lead (DL 0.05 µg/m³); As-Arsenic (DL 2 ng/m³); Ni-Nickel (DL 10 ng/m³); Benzene-(DL 1 µg/m³); B(α)P- Benzo -α-pyrene (DL 1 ng/m³); ng/m³: nanogram per cubic meter; µg/m³ - microgram per cubic meter.

CONCLUSION: ALL THE PARAMETERS MEET THE NAAQ STANDARDS

*****End of Report *****

(Dr K Ganesan – Laboratory and Quality Manager)



1. The report in full or part shall not be used for any promotional or publicity purpose without written consent 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 lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS/Q/FMT/50

page 01 of 07



Hubert Enviro Care Systems (P) Ltd.

7/C-45, Industrial Estate, Baikampady, Mangalore, Karnataka - 575011.
Ph: 0824 - 2408111, Email: kro@hecs.in, Website: www.hecs.in

H.O.: # 18, 92nd Street, Ashok Nagar, Chennai - 600 083.
Ph: 42985555 Fax : 42985500 E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)

Recognized by MoEF, BIS

ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page 1 of 1

Customer Name	M/s. Solara Active Pharma Sciences Limited
Project Site/ Address	Plot No. 120, A & B, New Mangalore, Industrial Area, Baikampady, Mangalore - 575011
Sampling Location	Near ETP
Sample Description	AAQ 8: Ambient Air Quality Monitoring - (8 hrs/3 samples = 24 hrs/1 day)
Sample Drawn by	M/s. Hubert Enviro Care Systems Private Limited
Sampling Date	25-26.09.2023
Received Date	26.09.2023
Analysis Commenced On	26.09.2023
Completion On	30.09.2023
Report Date	03.10.2023
Report No	HECS/AA/004/260923
Instruments Used	Envirotech APM 460 brushless RDS & Envirotech APM 550 mini FPS

CALIBRATION STATUS OF EQUIPMENT USED FOR SAMPLING AND TESTING

S. No.	Equipment	Make	Model No	Calibrated On	Due Date
1.	Respirable Dust Sampler	Envirotech Instruments	APM/460/2703-DTK-2019	15.07.2023	15.07.2024
2.	Fine Particulate Sampler	Envirotech Instruments	APM/550EL/159-DTB-2015	03.10.2023	03.10.2024
3.	MS Glass Micro Fiber Filter	Micro Separations	MGF/2000-203254	NA	NA
4.	Desiccator	Best lab	NA	NA	NA
5.	Electronic Weighing Balance	Shimadzu	AUW220D	22.08.2023	22.08.2024
6.	UV VIS Spectrophotometer	King Lab	KLUV-1110	Internal Calibration	

Note: NA- Not Applicable

RESULTS

S.No.	PARAMETERS	UNITS	RESULTS	NAAQ STANDARDS : 2009	
				Industrial, Residential, Rural and Other Areas	Ecologically Sensitive Area (Notified by Govt of India)
1.	Particulate Matter < 10 µm	µg/m ³	37.6	100 (24 hours)	60 (Annual)
2.	Particulate Matter < 2.5 µm	µg/m ³	20.2	60 (24 hours)	40 (Annual)
3.	Sulphur Dioxide	µg /m ³	13.9	80 (24 hours)	50 (Annual)
4.	Nitrogen Dioxide	µg/m ³	16.5	80 (24 hours)	40 (Annual)
5.	Carbon Monoxide	mg/m ³	0.4	4 (1 hours)	2 (8 hours)
6.	Lead	µg/m ³	BDL (DL 0.05)	1 (24 hours)	0.5 (Annual)
7.	Ozone	µg/m ³	BDL (DL 10)	180 (1 hours)	100 (8 hours)
8.	Ammonia	µg/m ³	11.2	400 (24 hours)	100 (Annual)
9.	Nickel	ng/m ³	BDL (DL 10)	20 (Annual)	20 (Annual)
10.	Benzene	µg/m ³	BDL (DL 1)	5 (Annual)	5 (Annual)
11.	Benzo (α) pyrene	ng/m ³	BDL (DL 1)	1 (Annual)	1 (Annual)
12.	Arsenic	ng/m ³	BDL (DL 2)	6 (Annual)	6 (Annual)

Test Methods Followed:

PM₁₀: IS 5182 (Pt 23): 2006 (RA 2017) (Gravimetric); PM_{2.5}: HECS/AIR/SOP/002 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); SO₂: IS 5182 (Pt 2): 2001 (RA 2017) (Improved west and Geake method); NO₂: IS 5182 (Pt 6): 2006 (RA 2017) (Jacob and Hochheiser modified method); O₃: HECS/AIR/SOP/005 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); NH₃: HECS/AIR/SOP/006 Issue 02 dt. 13.05.2018 as per CPCB guidelines vol. I (2011); CO: IS 5182 (Pt 10): 1999 (RA 2013); Pb, As, Ni: In-house method based on CPCB guidelines vol. I (2011); C₆H₆: GC FID/ GC MS based on IS: 5182 (Pt 11): 2006 based on CPCB guidelines vol. I (2011); B(α)P: In-house validated method based on CPCB guidelines vol. I (2011) & IS: 5182 (Pt 12): 2004.

BDL =Below detection limit; DL - Detection Limit; PM_{2.5}-Particulate matter size less than 2.5 Micron (DL 10 µg/m³), PM₁₀-Particulate matter size less than 10 Micron (DL 5 µg/m³); SO₂ Sulphur dioxide (DL 5 µg/m³); NO₂ - Nitrogen-di-oxide (DL 5 µg/m³); CO - Carbon Mono Oxide (DL 0.05 mg/m³); O₃-Ozone (DL 10 µg/m³); NH₃-Ammonia (DL 5 µg/m³); Pb-Lead (DL 0.05 µg/m³); As-Arsenic (DL 2 ng/m³); Ni-Nickel (DL 10 ng/m³); Benzene-(DL 1 µg/m³); B(α)P- Benzo -α-pyrene (DL 1 ng/m³); ng/m³: nanogram per cubic meter; µg/m³ - microgram per cubic meter.

CONCLUSION: ALL THE PARAMETERS MEET THE NAAQ STANDARDS

*****End of Report *****

Authorized Signatory
(Dr K Ganesan – Laboratory and Quality Manager)



1. The report in full or part shall not be used for any promotional or publicity purpose without written consent 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 lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

HECS/Q/FMT/50

page 01 of 08

Hubert Enviro Care Systems (P) Ltd.

7/C-45, Industrial Estate, Baikampady, Mangalore, Karnataka - 575011.
 Ph: 0824 - 2408111, Email: kro@hecs.in, Website: www.hecs.in
 H.O.: # 18, 92nd Street, Ashok Nagar, Chennai - 600 083.
 Ph: 42985555 Fax : 42985500 E-mail : labsales@hecs.in

Laboratory Services Division
 (Chemical & Biological Testing)
 Recognized by MoEF, BIS
 ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page 1 of 1

Customer Name	M/s. Solara Active Pharma Sciences Limited
Project Site/ Address	Plot No. 120, A & B, New Mangalore, Industrial Area, Baikampady, Mangalore - 575011
Sampling Location	Near Chiller
Sample Description	AAQ 9: Ambient Air Quality Monitoring - (8 hrs/3 samples = 24 hrs/1 day)
Sample Drawn by	M/s. Hubert Enviro Care Systems Private Limited
Sampling Date	28-29.09.2023
Received Date	29.09.2023
Analysis Commenced On	29.09.2023
Completion On	05.10.2023
Report Date	06.10.2023
Report No	HECS/AA/003/290923
Instruments Used	Envirotech APM 460 brushless RDS & Envirotech APM 550 mini FPS

CALIBRATION STATUS OF EQUIPMENT USED FOR SAMPLING AND TESTING

S. No.	Equipment	Make	Model No	Calibrated On	Due Date
1.	Respirable Dust Sampler	Envirotech Instruments	APM/460/2703-DTK-2019	15.07.2023	15.07.2024
2.	Fine Particulate Sampler	Envirotech Instruments	APM/550EL/159-DTB-2015	03.10.2023	03.10.2024
3.	MS Glass Micro Fiber Filter	Micro Separations	MGF/2000-203254	NA	NA
4.	Desiccator	Best lab	NA	NA	NA
5.	Electronic Weighing Balance	Shimadzu	AUW220D	22.08.2023	22.08.2024
6.	UV VIS Spectrophotometer	King Lab	KLUV-1110	Internal Calibration	

Note: NA- Not Applicable

RESULTS

S.No.	PARAMETERS	UNITS	RESULTS	NAAQ STANDARDS : 2009	
				Industrial, Residential, Rural and Other Areas	Ecologically Sensitive Area (Notified by Govt of India)
1.	Particulate Matter < 10 µm	µg/m ³	40.2	100 (24 hours)	60 (Annual)
2.	Particulate Matter < 2.5 µm	µg/m ³	24.8	60 (24 hours)	40 (Annual)
3.	Sulphur Dioxide	µg /m ³	16.6	80 (24 hours)	50 (Annual)
4.	Nitrogen Dioxide	µg/m ³	18.1	80 (24 hours)	40 (Annual)
5.	Carbon Monoxide	mg/m ³	0.5	4 (1 hours)	2 (8 hours)
6.	Lead	µg/m ³	BDL (DL 0.05)	1 (24 hours)	0.5 (Annual)
7.	Ozone	µg/m ³	BDL (DL 10)	180 (1 hours)	100 (8 hours)
8.	Ammonia	µg/m ³	11.3	400 (24 hours)	100 (Annual)
9.	Nickel	ng/m ³	BDL (DL 10)	20 (Annual)	20 (Annual)
10.	Benzene	µg/m ³	BDL (DL 1)	5 (Annual)	5 (Annual)
11.	Benzo (α) pyrene	ng/m ³	BDL (DL 1)	1 (Annual)	1 (Annual)
12.	Arsenic	ng/m ³	BDL (DL 2)	6 (Annual)	6 (Annual)

Test Methods Followed:

PM₁₀: IS 5182 (Pt 23): 2006 (RA 2017) (Gravimetric); PM_{2.5}: HECS/AIR/SOP/002 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); SO₂: IS 5182 (Pt 2): 2001 (RA 2017) (Improved west and Geake method); NO₂: IS 5182 (Pt 6): 2006 (RA 2017) (Jacob and Hochheiser modified method); O₃: HECS/AIR/SOP/005 Issue 02 dt. 13.06.2018 based on CPCB guidelines vol. I (2011); NH₃: HECS/AIR/SOP/006 Issue 02 dt. 13.06.2018 as per CPCB guidelines vol. I (2011); CO: IS 5182 (Pt 10): 1999 (RA 2013); Pb, As, Ni: In-house method based on CPCB guidelines vol. I (2011); C₆H₆: GC FID/ GC MS based on IS: 5182 (Pt 11): 2006 based on CPCB guidelines vol. I (2011); B(α)P: In-house validated method based on CPCB guidelines vol. I (2011) & IS: 5182 (Pt 12): 2004.

BDL =Below detection limit; DL - Detection Limit; PM_{2.5}-Particulate matter size less than 2.5 Micron (DL 10 µg/m³), PM₁₀-Particulate matter size less than 10 Micron (DL 5 µg/m³); SO₂ Sulphur dioxide (DL 5 µg/m³); NO₂ - Nitrogen-di-oxide (DL 6 µg/m³); CO - Carbon Mono Oxide (DL 0.05 mg/m³); O₃-Ozone (DL 10 µg/m³); NH₃-Ammonia (DL 5 µg/m³); Pb-Lead (DL 0.05 µg/m³); As-Arsenic (DL 2 ng/m³); Ni-Nickel (DL 10 ng/m³); Benzene-(DL 1 µg/m³); B(α)P- Benzo -α-pyrene (DL 1 ng/m³); ng/m³: nanogram per cubic meter; µg/m³ - microgram per cubic meter.

CONCLUSION: ALL THE PARAMETERS MEET THE NAAQ STANDARDS

*****End of Report *****

Authorized Signatory
 (Dr K Ganesan – Laboratory and Quality Manager)



1. The report in full or part shall not be used for any promotional or publicity purpose without written consent 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 lab accepts any liability or loss / damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items. 6. HECS will not be responsible for the information shared by clients related to samples tested.

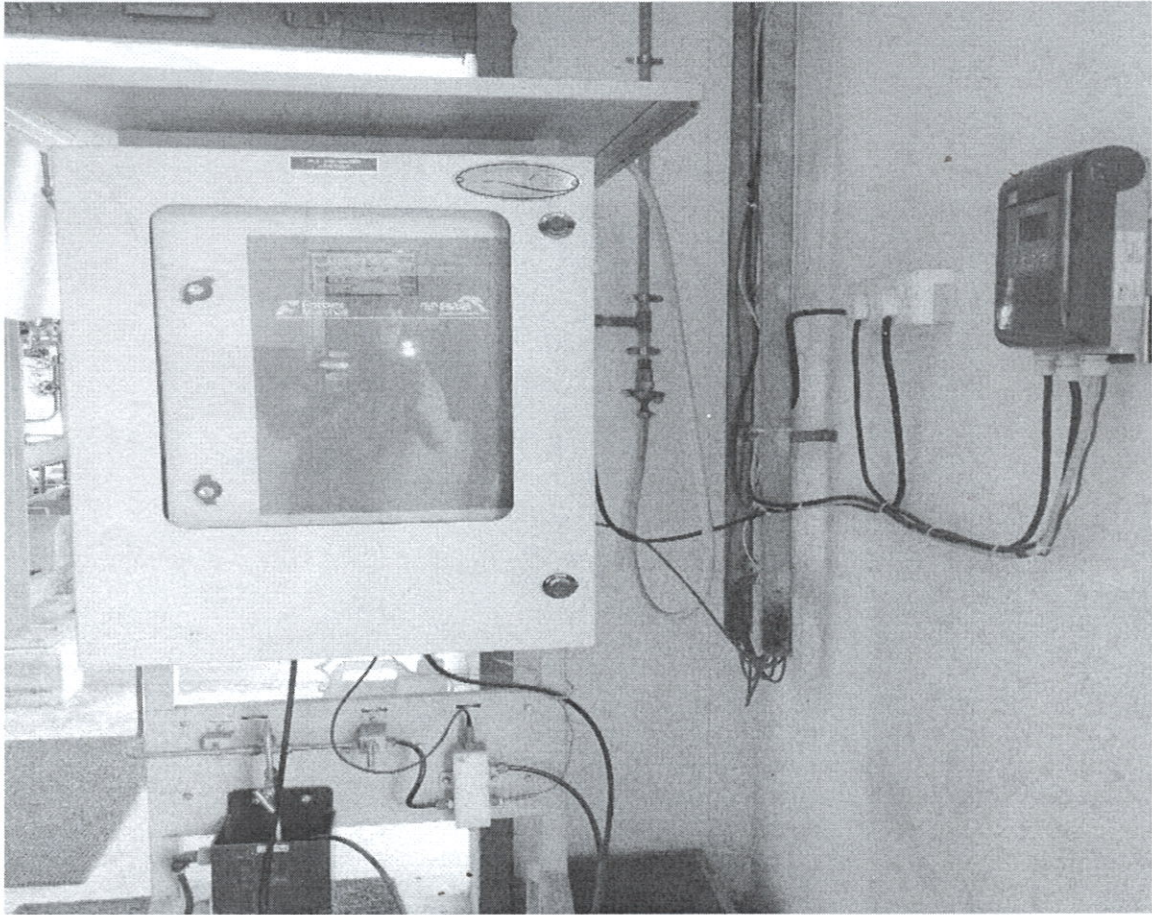
HECS/Q/FMT/50

Page 01 of 09

STATISTICAL AVERAGE DATA ON TREATED TRADE EFFLUENT (April-2023 to September-2023)

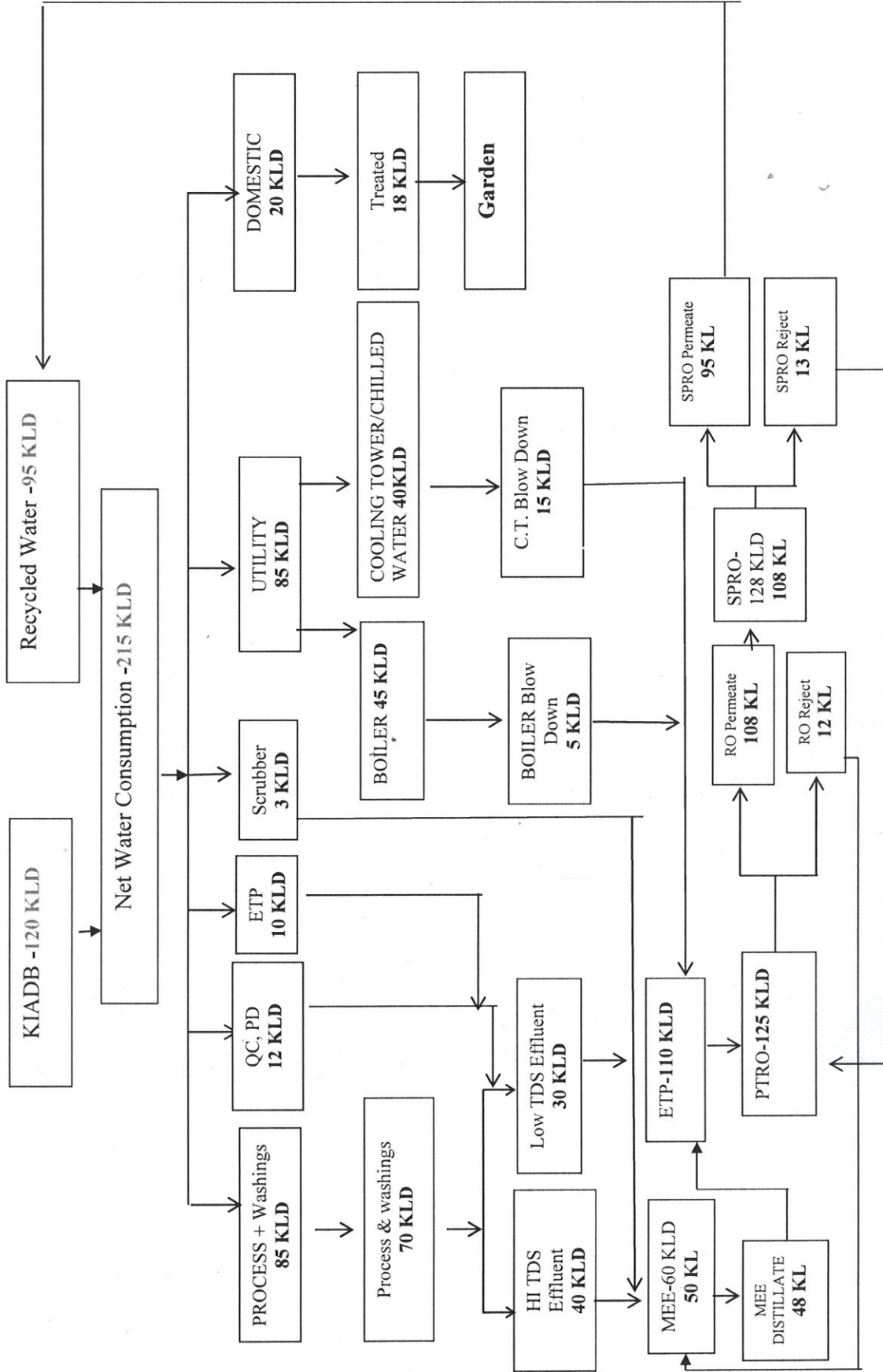
Sl. No	Characteristics	Tolerance Limit mg/L. Max	Unit	Month							Average
				April-2023	May-2023	June-2023	July -2023	August-2023	September-2023		
1	pH Value	6.5-8.5	7.67	8.30	6.71	6.65	6.72	6.71	7.12	
2	Biochemical oxygen demand and mg/l(3 day at 270C)	<30	mg/L	BDL(DL2)	BDL(DL2)	BDL(DL2)	2.5	BDL(DL2)	2.4	2.45	
3	COD as O2	<250	mg/L	7.96	8.09	15.87	24.28	BDL(DL4)	20.24	15.28	
4	Total Suspended Solids	<100	mg/L	BDL(DL4)	BDL(DL4)	BDL(DL4)	BDL(DL4)	BDL(DL4)	BDL(DL4)	BDL(DL4)	
5	Total Dissolved solids	<2100	mg/L	50.0	89.0	45	35.0	33.0	33.0	47.5	
6	Oil and Grease	<10	mg/L	BDL(DL2)	BDL(DL2)	BDL(DL2)	BDL(DL2)	BDL(DL2)	BDL(DL2)	BDL(DL2)	
7	Bio-assay test	90% survival of the fishes after 96 hrs.in 100% effluent shall be carried out as per IS 6582-1971	%	100	100	100	100	100	100	100	
8	Ammoniacal nitrogen	<50	mg/L	7.2	7.4	6.3	6.7	5.8	6.2	6.6	
9	Nitrate nitrogen	<10	mg/L	3.5	3.8	2.9	3.2	3.4	3.1	3.31	
10	Toluene	<0.05	mg/L	BDL(DL0.001)	BDL(DL0.001)	BDL(DL0.001)	BDL(DL0.001)	BDL(DL0.001)	BDL(DL0.001)	BDL(DL0.001)	
11	Dichloromethane as CH2CL2	<0.9	mg/L	BDL(DL0.001)	BDL(DL0.001)	BDL(DL0.001)	BDL(DL0.001)	BDL(DL0.001)	BDL(DL0.001)	BDL(DL0.001)	
12	Phosphate as P	<5	mg/L	1.5	1.6	0.94	0.83	0.76	0.72	1.05	
13	Chlorides as Cl	<1000	mg/L	9.89	27.59	9.87	21.57	11.65	19.5	16.67	
14	Sulphates as SO4	<1000	mg/L	BDL(DL5)	BDL(DL5)	BDL(DL5)	BDL(DL5)	BDL(DL5)	BDL(DL5)	BDL(DL5)	
15	Fluoride AS F	<2	mg/L	BDL(DL0.2)	BDL(DL0.2)	BDL(DL0.2)	BDL(DL0.2)	BDL(DL0.2)	BDL(DL0.2)	BDL(DL0.2)	

Online Multiparameter Analyzer





WATER BALANCE SHEET



Rainwater Harvesting System at the Site



We have developed rainwater harvesting structures to harvest the runoff water from the rooftops and storm water drainage system for recharge of ground water. Rainwater harvesting is the techniques through which rainwater is captured from the roof catchments with closed pipe system (without mixing surface water to avoid the spillage contamination) into the recharge pits & excess water is stored in the Rainwater storage Tank. Rainwater is captured from the roof catchments with closed pipe system (without mixing surface water to avoid the spillage contamination) and stored in the Rainwater Storage Tanks.


29/11/2013

Hubert Enviro Care Systems (P) Ltd.

7/C-45, Industrial Estate, Baikampady, Mangalore, Karnataka - 575011.

Ph: 0824 - 2408111, Email: kro@hecs.in, Website: www.hecs.in

H.O.: # 18, 92nd Street, Ashok Nagar, Chennai - 600 083.

Ph: 42985555 Fax : 42985500 E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)

Recognized by MoEF, BIS

ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page No. 1 of 1

Customer Name	M/s. Solara Active Pharma Sciences Limited
Project Site/ Address	Plot No. 120, A & B, New Mangalore, Industrial Area, Baikampady, Mangalore - 575011
Stack ID	DG - 3 (1010 kVA)
Sample Description	Manual Stack Emission Monitoring
Sampling / Received Date	18.09.2023
Sample Drawn by	M/s. Hubert Enviro Care Systems Private Limited
Analysis Commenced On	18.09.2023
Completed On	25.09.2023
Report Date	26.09.2023
Report No	HECS/ST/001/180923

CALIBRATION STATUS OF EQUIPMENT USED FOR SAMPLING AND TESTING

S. No.	Equipment	Make	Model No.	Calibrated On	Due Date
1.	Stack Sample-1 VSS1	Envirotech Instruments	79 DTJ 2017	15.07.2023	15.07.2024
2.	Dry Gas Meter	Envirotech Instruments	2321877 VSS1	15.07.2023	15.07.2024
3.	Pitot tube	Envirotech Instruments	S Type EA-92	15.07.2023	15.07.2024
4.	Electronic Weighing Balance	Shimadzu	AUW220D	22.08.2023	22.08.2024
5.	Flue Gas Analyzer	VINTECH EFM 2000	18L15	18.09.2023	18.09.2024
6.	UV VIS Spectrophotometer	King Lab	KLUV-1110	Internal Calibration	

RESULTS

General Details	
Ambient temperature	30 °C
Flue Gas Temperature	159 °C
Fuel Source	HSD
Stack Height	30 meters
Diameter	0.1 meter
Discharge Rate	342.68 Nm ³ /hr
Velocity	4.8 m/s

Parameter monitored	Results obtained	Test Method Followed	KSPCB Standard
PM	43.5 mg/Nm ³	IS 11255: (Part 1): 1985 (RA 2003)	150 mg/Nm ³
NO _x	38.5 ppm	IS 11255: (Part 7): (RA 2003)	50 ppm
CO at 3% O ₂	17.8 mg/Nm ³	Flue Gas analyser	150 mg/Nm ³
NMHC (as C)	11.3 mg/Nm ³	USEPA method 25	100 mg/Nm ³

Note: PM - Particulate Matter; NO_x - Oxides of Nitrogen; CO₂ - Carbon dioxide; O₂ - Oxygen; CO - Carbon monoxide; NMHC - Non-methane Hydro Carbons; mg/Nm³ - milligram per normal cubic meter; KSPCB - Karnataka State Pollution Control Board

INFERENCE	AS PER KSPCB STANDARDS, ALL THE PARAMETERS ARE WITHIN THE PRESCRIBED LIMIT
------------------	---

Authorized Signatory
(Dr K Ganesan - Laboratory and Quality Manager)



Hubert Enviro Care Systems (P) Ltd.

7/C-45, Industrial Estate, Baikampady, Mangalore, Karnataka - 575011.
Ph: 0824 - 2408111, Email: kro@hecs.in, Website: www.hecs.in

H.O.: # 18, 92nd Street, Ashok Nagar, Chennai - 600 083.
Ph: 42985555 Fax : 42985500 E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
Recognized by MoEF, BIS
ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page 1 of 1

Customer Name	M/s. Solara Active Pharma Sciences Limited
Project Site /Address	Plot No. 120, A & B, New Mangalore, Industrial Area, Baikampady, Mangalore - 575011
Sample Description	Ambient Noise level Monitoring
Sample Drawn by	M/s. Hubert Enviro Care Systems Private Limited
Report Date	28.09.2023
Report No	HECS/N/001-004/280923

CALIBRATION STATUS OF EQUIPMENT USED FOR SAMPLING AND TESTING

S.No.	Equipment	Make	Model No.	Calibrated On	Due Date
1.	Sound Level Meter	HTC	SL 1350	11.07.2023	11.07.2024

S. No	Day / Night	Time (hrs)	Leq Noise Level (Hourly, dB)			
			ETP Corner	Security	Canteen	Brine Plant Area
			21.09.2023	22.09.2023	20.09.2023	23.09.2023
1.	Day Time	09-10	63.2	66.4	63.2	67.4
2.		10-11	64.3	65.9	63.5	66.5
3.		11-12	63.7	64.2	64.7	67.2
4.		12-13	65.2	63.2	62.5	68.5
5.		13-14	66.3	62.5	63.6	68.9
6.		14-15	67.8	66.6	61.4	67.1
7.	Night Time	22-23	65.2	64.7	60.2	63.6
8.		23-00	63.6	61.2	59.8	60.7
9.		00-01	61.4	60.8	58.4	59.2
10.		01-02	58.4	59.7	56.5	58.3
11.		02-03	57.2	58.4	52.8	57.1
12.		03-04	56.3	56.2	53.6	56.2
MIN			56.3	56.2	52.8	56.2
MAX			67.8	66.6	64.7	68.9
Day dB (A)			65.1	64.8	63.2	67.6
Night dB (A)			60.4	60.2	56.9	59.2

Note: dB: Decibel

Limits: Industrial Area: Day Time -75 dB (A), Night Time -70 dB (A). Commercial Area: Day Time-65 dB (A), Night Time-55 dB (A). Residential Area: Day Time-55 dB (A), Night Time-45 dB (A). Silence Zone: Day Time-50 dB (A), Night Time-40 dB (A).

Note: Leq- Equivalent Noise Level (hourly); Reference: The Noise Pollution (Regulation and Control) Rules, 2000, CPCB, New Delhi.

INFERENCE: THE OBSERVED NOISE LEVELS ARE WITHIN THE LIMITS AS PER THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000 UNDER THE ENVIRONMENT (PROTECTION) ACT, 1986

*****End of Report *****

Laboratory and Quality Manager - (Dr K GANESAN) Authorized Signatory



Annexure - 08



Solara Active Pharma Sciences Limited.
Mangalore.

AMBIENT NOISE MONITORING REPORT AT FOUR MAIN CORNERS OF THE INDUSTRY

SL.NO	Equipment	Make	Model No	Calibrated on	Due Date
1.	Sound level Meter	HTC	SL1350	11.07.2023	10.07.2024

DATE: 28.09.2023

DAYTIME: 09:00 hrs TO 22:00 hrs (75 dB)
NIGHTTIME: 22:00 hrs TO 04:00 hrs (70 dB)

SECURITY
 DAYTIME: 64.8 dB
 NIGHTTIME: 60.2 dB
 (North East)

INDUSTRY

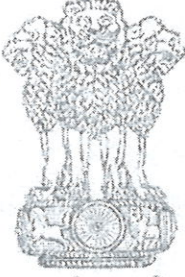
CANTEEN
 DAYTIME: 63.2 dB
 NIGHTTIME: 56.9 dB
 (South East)

E.T.P
 DAYTIME: 65.1 dB
 NIGHTTIME: 60.4 dB
 (North West)

BRINE PLANT
 DAYTIME: 67.6 dB
 NIGHTTIME: 59.2 dB
 (South West)

Prepared By: *Mayura*
 Signature: *mt*
 Date: 28/11/2023

Verified By: *Jagadehna*
 Signature: *J*
 Date: 28/11/2023



सत्यमेव जयते

INDIA NON JUDICIAL

Government of Karnataka

e-Stamp

Certificate No. : IN-KA38821388484942V
 Certificate Issued Date : 11-Apr-2023 01:36 PM
 Account Reference : NONACC (FI)/ kacrsf108/ SURATHKAL/ KA-DK
 Unique Doc. Reference : SUBIN-KAKACRSFL0861112000783127V
 Purchased by : SOLARA ACTIVE PHARMA SCIENCES LTD
 Description of Document : Article 12 Bond
 Description : VENDOR AGREEMENT
 Consideration Price (Rs.) : 0
 (Zero)
 First Party : SOLARA ACTIVE PHARMA SCIENCES LTD
 Second Party : J K CEMENT LIMITED
 Stamp Duty Paid By : SOLARA ACTIVE PHARMA SCIENCES LTD
 Stamp Duty Amount(Rs.) : 100
 (One Hundred only)



Please write or type below this line

Agreement for Co-processing of Waste Material

This Agreement for Co-Processing of Waste Material (hereinafter referred to as the "Agreement"), is made and entered into this 13th April 2023.

By and between

SOLARA ACTIVE PHARMA SCIENCES LTD a Company incorporated under the Indian Companies Act 1956 and having its Registered Office at and manufacturing unit at #120 A & B,121,Baikampady Industrial area, Mangalore,(Hereinafter referred to as the "First Party/ SOLARA ACTIVE PHARMA SCIENCES LTD", which expression shall, unless repugnant to the context, mean and include its successors and assigns) of the One Part.

For SOLARA ACTIVE PHARMA SCIENCES LIMITED

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at www.ahrestamp.com/ or using e-Stamp Mobile App of State Holding.
2. Any discrepancy in the details on this Stamp certificate should be reported to the Issuing Authority. The Mobile App renders it invalid.
3. The mode of checking the authenticity is on the users of the certificate.
4. In case of any discrepancy please inform the Competent Authority.

13/04/2023
 Authorised Signatory





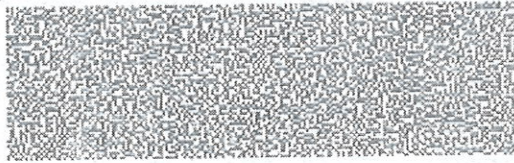
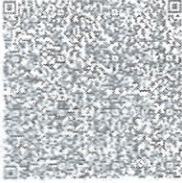
सत्यमेव जयते

INDIA NON JUDICIAL

Government of Karnataka

e-Stamp

Certificate No. : IN-KA37967465425350V
 Certificate Issued Date : 10-Apr-2023 04:15 PM
 Account Reference : NONACC (FI)/ kacrsf108/ SURATHKAL/ KA-DK
 Unique Doc. Reference : SUBIN-KAKACRSFL0859361237279336V
 Purchased by : SOLARA ACTIVE PHARMA SCIENCES LTD
 Description of Document : Article 4 Affidavit
 Description : AGREEMENT
 Consideration Price (Rs.) : 0
 (Zero)
 First Party : SOLARA ACTIVE PHARMA SCIENCES LTD
 Second Party : RE SUSTAINABILITY LIMITED
 Stamp Duty Paid By : SOLARA ACTIVE PHARMA SCIENCES LTD
 Stamp Duty Amount(Rs.) : 100
 (One Hundred only)



Please write or type below this line

SERVICE AGREEMENT

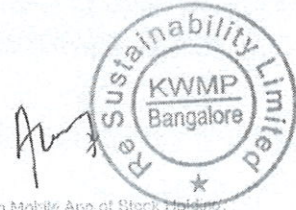
THIS AGREEMENT is made and executed on this 11th day of April-2023, Between M/S SOLARA ACTIVE PHARAMA SCIENCES LTD a Company incorporated under the Indian Companies Act 1956 and having its Registered Office and manufacturing unit at #120 A & B,121, Baikampady Industrial area, Mangalore,(Hereinafter referred to as the "First Party/ SOLARA ACTIVE PHARAMA SCIENCES LTD", which expression shall, unless repugnant to the context, mean and include its successors and assigns) of the One Part.

For SOLARA ACTIVE PHARMA SCIENCES LIMITED

Statutory Authorised Signatory

1. The authenticity of this Stamp certificate should be verified at www.e-stamp.com or using e-Stamp Mobile App of Stock Holding Corporation of India.
 Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
 2. The onus of checking its legitimacy is on the users of the certificate.
 3. In case of any discrepancy please inform the Competent Authority.

Page 1 of 11



Site Green Belt Area 36.2 %



ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆ

ಸಂ: ಸಿಎಸ್‌ಎಂಸಿ/ಎಂಎಚ್‌ಚ್‌ಸಿ/ಸಿಆರ್-93/2019-20

ನಿರ್ದೇಶಕರ ಕಾರ್ಯಾಲಯ

2ನೇ ಮಹಡಿ, ಕಲ್ಯಾಣ ಸುರಕ್ಷಾ ಭವನ, ಬನ್ನೇರುಘಟ್ಟ ರಸ್ತೆ,
ಬೆಂಗಳೂರು-29, ದಿನಾಂಕ: 06-12-2019

ನಿರ್ದೇಶಕರು, ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆ,
ಬೆಂಗಳೂರು ಇವರ ನಡವಳಿಗಳು

ವಿಷಯ: ಕಾರ್ಖಾನೆಗಳ ಕಾಯ್ದೆ (1987 ರಲ್ಲಿ ತಿದ್ದುಪಡಿಗೊಂಡಂತೆ) 1948ರ ಪ್ರಕರಣ 41 (ಬಿ)(4)

ರಡಿಯಲ್ಲಿ ಆನ್‌ಸೈಟ್ ಎಮರ್ಜೆನ್ಸಿ ಪ್ಲಾನ್ ಮತ್ತು ಡೀಟೇಲ್ಡ್ ಡಿಸಾಸ್ಟರ್ ಕಂಟ್ರೋಲ್
ಮೇಜರ್ಸ್ ಅನುಮೋದಿಸುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: ತಮ್ಮ ದಾಖಲಾತಿಗಳನ್ನು ಸಲ್ಲಿಸಿರುವ ದಿನಾಂಕ: 26-11-2019.

* * *

ಶ್ರೀ ಕೆ. ಶ್ರೀನಿವಾಸ್ ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆಯ ನಿರ್ದೇಶಕರು,
ಬೆಂಗಳೂರು, ಆದ ನಾನು ಕಾರ್ಖಾನೆಗಳ ಕಾಯ್ದೆ (1987 ರಲ್ಲಿ ತಿದ್ದುಪಡಿಗೊಂಡಂತೆ) 1948ರ ಪ್ರಕರಣ 41 (ಬಿ)(4) ರಲ್ಲಿ
ಪ್ರದತ್ತವಾಗಿರುವ ಅಧಿಕಾರವನ್ನು ಚಲಾಯಿಸುತ್ತಾ ಈ ಕೆಳಕಂಡ ಷರತ್ತಿನ ಮೇಲೆ M/s: Solara Active Pharma Sciences
Ltd, Plot No.120A & B, 120P & 121, Plot No.36, Ind. Area, Baikampady, New Mangalore-575011
ಈ ಕಾರ್ಖಾನೆಯ ಆನ್‌ಸೈಟ್ ಎಮರ್ಜೆನ್ಸಿ ಪ್ಲಾನನ್ನು ದಿನಾಂಕ: 06-12-2019 ರಂದು ಅನುಮೋದಿಸಿರುತ್ತೇನೆ.

1. ಕಾರ್ಖಾನೆಯಲ್ಲಿ ಉಪಯೋಗಿಸುವ ಅಪಾಯಕಾರಿ ರಾಸಾಯನಿಕಗಳು, ಅವುಗಳ ಶೇಖರಣಾ ಸಾಮರ್ಥ್ಯದಲ್ಲಿ ಬದಲಾವಣೆಯಾದಾಗ
ಅಥವಾ ಹೆಚ್ಚುವರಿ ಕಾರ್ಯಾಚರಣೆ ಕೈಗೊಳ್ಳಬೇಕಾದಲ್ಲಿ ಹಾಗೂ ಮತ್ತಾವುದೇ ಬದಲಾವಣೆಗಳಾದಲ್ಲಿ ಅವುಗಳ ಬಗ್ಗೆ ಮೊದಲೇ
ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆಯ ನಿರ್ದೇಶಕರಿಗೆ ತಿಳಿಸಿ ಪೂರ್ವಾನುಮತಿ
ಪಡೆಯಬೇಕು ಹಾಗೂ ಸದರಿ ಬದಲಾವಣೆಗಳನ್ನು ಪರಿಗಣಿಸಿ ಪರಿಷ್ಕೃತ ಆನ್ ಸೈಟ್ ಎಮರ್ಜೆನ್ಸಿ ಪ್ಲಾನನ್ನು ಮೂರು (03).
ಪ್ರತಿಗಳಲ್ಲಿ ತಯಾರಿಸಿ ಸಲ್ಲಿಸಬೇಕು.
2. ಪರಿಸರ ರಕ್ಷಣೆ, ಕಾರ್ಮಿಕರ ಆರೋಗ್ಯ ಮತ್ತು ಸುರಕ್ಷತೆ ಬಗ್ಗೆ ಹೆಚ್ಚಿನ ಆದ್ಯತೆ ನೀಡಿ, ಸಂಬಂಧಿಸಿದ ಎಲ್ಲಾ ನಿಯಮಗಳನ್ನು
ಕಟ್ಟುನಿಟ್ಟಾಗಿ ಪಾಲಿಸಬೇಕು.
3. ಕಾರ್ಖಾನೆಯಲ್ಲಿ ಕೆಲಸ ಮಾಡುವ ಎಲ್ಲಾ ಕೆಲಸಗಾರರಿಗೂ ಕಾರ್ಖಾನೆಯಲ್ಲಿ ಸಂಭವಿಸಬಹುದಾದ ಅಪಘಾತ
ಅದರಿಂದಾಗಬಹುದಾದ ಅಪಾಯ ತುರ್ತು ಸ್ಥಿತಿಗಳಲ್ಲಿ ತೆಗೆದುಕೊಳ್ಳಬೇಕಾದ ಕ್ರಮ ಮತ್ತು ತುರ್ತು ಸ್ಥಿತಿಗಳ ನಿರ್ವಹಣೆ ಬಗ್ಗೆ
ಹಾಗೂ ಆನ್ ಸೈಟ್ ಎಮರ್ಜೆನ್ಸಿ ಪ್ಲಾನಿನ-ಬಗ್ಗೆ ಮಾಹಿತಿ ನೀಡಲು ಮತ್ತು ಹೊಸದಾಗಿ ಕೆಲಸಕ್ಕೆ ನೇರುವ ಕೆಲಸಗಾರರಿಗೂ ಈ
ಎಲ್ಲಾ ಮಾಹಿತಿ ಮತ್ತು ತರಬೇತಿಗಳನ್ನು ನೀಡುವ ಕ್ರಮ ತೆಗೆದುಕೊಳ್ಳುವುದು.
4. ಅನುಮೋದಿಸಿದ ಆನ್ ಸೈಟ್ ಎಮರ್ಜೆನ್ಸಿ ಪ್ಲಾನಿನ ರಿಹರ್ಸಲ್ ಅನ್ನು ಪ್ರತಿ ಆರು (06) ತಿಂಗಳಿಗೊಮ್ಮೆ ತಪ್ಪದೇ ಕೈಗೊಂಡು ಈ
ಇಲಾಖೆಗೆ ಹಾಗೂ ಸಂಬಂಧಿಸಿದ ಜಿಲ್ಲಾಧಿಕಾರಿಗಳಿಗೆ ವರದಿ ಮಾಡಬೇಕು.
5. ಎಲ್ಲಾ ಕಾರ್ಮಿಕರಿಗೂ ಹಂತ ಹಂತವಾಗಿ First Aid ಹಾಗೂ Fire Fighting ನಲ್ಲಿ ತರಬೇತಿ ನೀಡುವುದು

(ಕೆ. ಶ್ರೀನಿವಾಸ್)

ನಿರ್ದೇಶಕರು (ಅ/ಪ್ರ)

ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ
ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆ, ಬೆಂಗಳೂರು,

ಇವರಿಗೆ:

Occupier / Manager,
M/s: Solara Active Pharma Sciences Ltd,
Plot No.120A & B, 120P & 121, Plot No.36, Ind. Area,
Baikampady, New Mangalore-575011

23. TRAINING & MOCK DRILL EXERCISES:

Employees will be trained regarding their specific role in case of emergency. The emergency response topic was incorporated as a part of safety training programme. The emergency organization personnel, will be trained of their role in handling an emergency. The training services will be taken from National Safety Council, and other professional safety advisors if required.

Mock rehearsal/drills will be conducted on regular intervals to familiarize the persons concerned in the emergency organization on their duties as well as for others to observe actions during such emergency.

Solara Active Pharma Sciences Limited
120 A & B, 36, 120P & 121, Industrial Area,
Baikampady, New Mangalore - 575 011, India
Tel.: + 91 824 2402100

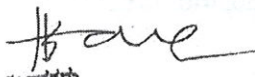
For SOLARA ACTIVE PHARMA SCIENCES LIMITED


03/10/19
Authorised Signatory

ಕಾರ್ಖಾನೆ ಸರ್ಕಾರಿ
ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ
ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆ

ಸಂಖ್ಯೆ: ಸಿಎಸ್ ಎಂ ಸಿ/ಎಂ ಎ ಹೆಚ್ ಸಿ/ಸಿಆರ್- 93/300 2019-20
ಸ್ಲವತ್ತೆತ್ತಿಲು (45) ದಿನಾಂಕ : 06/12/2019
ಆ : ಕೈಟ್ ಎಮರ್ಜೆನ್ಸಿ ಪ್ರಾಜೆಕ್ಟ್‌ನಲ್ಲಿ ಈ ಕಛೇರಿ ಸಮಾಪಿಸಿ,
ದಿನಾಂಕ : 06/12/2019 ರಂದು ಅನುಷ್ಠಾನಿಸಿದೆ.

ಕಾರ್ಖಾನೆ ಮತ್ತು ಬಾಯ್ಲರುಗಳ
ಇಂಜಿನಿಯರಿಂಗ್ ಡಿಪಾರ್ಟ್‌ಮೆಂಟ್, ಕಾರ್ಖಾನೆ ಭವನ,
2ನೇ ಮಹಡಿ, ಎ.ಟಿ.ಐ. ಕುಲೀಬು ಅವರಣಿ,
ಬಿನ್ನೇರುಘಟ್ಟ ರಸ್ತೆ, ಬೆಂಗಳೂರು-29.


ನಿರ್ದೇಶಕರು,
ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು,
ಕೈಗಾರಿಕಾ ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ
ಇಲಾಖೆ, ಬೆಂಗಳೂರು.



ENVIRONMENT, HEALTH & SAFETY POLICY

Solara Active Pharma Sciences Limited is committed to proactively adopt, improve and maintain a high standard of Environmental, Health & Safety (EHS) across all sites and locations



We shall strive to achieve **Goal Zero** i.e. zero safety accidents, zero injuries and zero incidents that cause harm to the environment...
To move to **Goal Zero** we will:



Comply with all applicable requirements (Legal, Others) with regards to EHS



Inculcate a positive EHS culture throughout the organization



Foster awareness and provide appropriate training for all employees to support Goal Zero



Provide a safe & healthy workplace to our employees, contractors, sub-contractors, visitors and all other stakeholders



Encourage a collaborative and a participative approach towards EHS with all employees contingent employees and visitors on site



Enable all employees, contingent employees and visitors to identify and report EHS hazards, conditions and near misses



Reduce the EHS impact of our products throughout their lifecycle



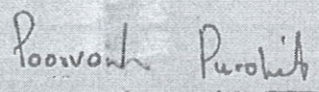
Make best efforts to work with suppliers and business partners who run safe and environmentally responsible operations



Work towards mitigation of pollution and conservation of precious resources like water and energy by optimizing their utilization



Establish specific and measurable objectives to achieve continual improvement of our EHS performance. Monitor performance of all sites / locations on a regular basis and encourage achievement of the objectives


Poorvank Purohit
Managing Director

Issue Date: **05-09-2023**

Next revision date: **05-09-2026**

Certificate of Registration



This is to certify that the Environmental Management System of:

Solara Active Pharma Sciences Limited

No 120 A & B , 36, 120P & 121, Industrial Area, Baikampady, New Mangalore , Karnataka, 575 011, INDIA

applicable to:

Development and manufacture of pharmaceuticals and speciality chemicals

has been assessed and registered by NQA against the provisions of:

ISO 14001:2015

This registration is subject to the company maintaining an environmental management system, to the above standard, which will be monitored by NQA

Managing Director



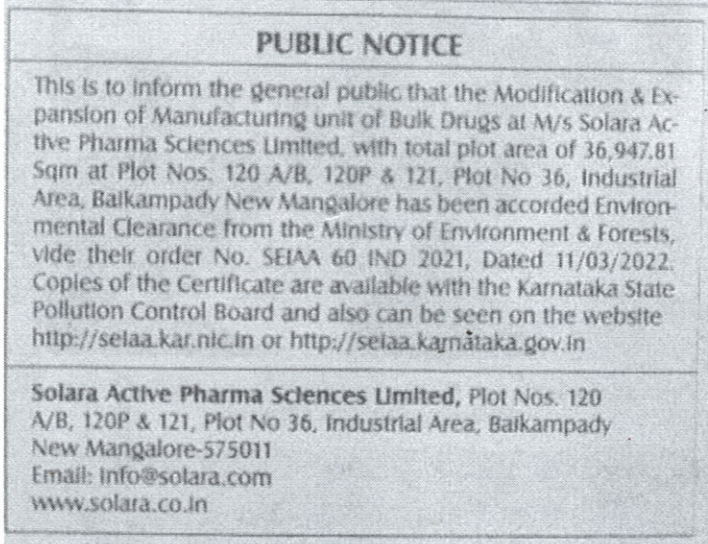
Certificate No.	E 300
ISO Approval Date:	24 June 2002
Reissued:	16 June 2021
Valid Until:	14 June 2024
Prior Cycle Exp Date:	14 June 2021
EAC Code:	13

Advertisement in two local newspapers regarding environmental Clearance by the SEIAA.

1. In Vijayavani (Kannada Newspaper) Dated 29th Mach 2022.



2. In the Hindu (English Newspaper) dated 29th Mach 2022.





SOLARA
Active Pharma Sciences

Communication Address:
Solara Active Pharma Sciences Limited
Plot Nos.120 A&B, 120P & 121, Plot No 36
Industrial Area, Baikampady
New Mangalore-575011, Karnataka, India
Tel : +91 824 2402100,
E-mail : info@solara.com
www.solara.co.in

SAPS/ KSPCB/ EHS-048/2023
13th September, 2023

The Member Secretary,
KARNATAKA STATE POLLUTION CONTROL BOARD
Parisara Bhavan, 4th & 5th Floor, # 49, Church Street,
Bangalore - 560 001.
PHONE: 080 25581383, 25581388

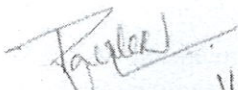
Dear Sir,

Sub: Submission of Environmental statement report for the financial year ending March-2023.

Please find enclosed a copy of Environmental Statement report in FORM V for the period of April-2022 to March 2023, for your kind reference.

Thanking you,

Yours faithfully,
For - SOLARA ACTIVE PHARMA SCIENCES LIMITED.


Ravi K R
(GM- Operations)

14.09.2023

CC: Environmental Officer,
Divisional office-KSPCB,
Baikampady, New Mangalore: 575 011.

Regional Office
Karnataka State Pollution Control Board
Plot No. 36-29, 22
Baikampady Industrial Area,
Mangalore-575011

FORM V
(See Rule 14)
Environmental Statement for the financial year ending up to 31st March 2023
PART-A

i)	Name and address of the owner/occupier of the industry, operation or process	Mr. Hariharan Subramanian (Executive Director/CFO) Solara Active Pharma Sciences Limited, Baikampady-Mangalore.
ii)	Industry category Primary (STC code) Secondary (STC code)	Primary
iii)	Production capacity – Units	250.98 MT/ANNUM-Consented Quantity.
iv)	Year of establishment	March 1999
v)	Date of the last environmental statement report submitted	26 th September 2022

PART-B
Water and Raw Material Consumption

(I) Water and Raw material consumption m³/d
Process :68.62
Cooling :57.50
Domestic :9.43

Name of the products	Process water Consumption per unit of product output	
	During the previous Financial year m ³ /MT	During the current Financial year m ³ /MT
1. Oseltamivir Phosphate	97.9	97.9
2. Artesunate	16.50	16.50
3. Citicoline Sodium	364.02	364.02
4. Hydralazine HCl	73.3	73.3
5. Praziquantel	31.5	31.5
6. Succinyl Choline Chloride	5.3	5.3
7. Etomidate	79.6	79.64

8.	Imiquimod	55.13	55.13
9.	Mesna	0	54.3

(ii) Raw material consumption		
Name of raw material *	Consumption of raw material per unit of output	
	During the previous Financial year	During the current Financial year
ANNEXURE I		

* Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw material used.

PART C

Pollution discharged to environment/unit of output
(Parameters as specified in the consent issued)

Pollutants	Quantity of pollutants discharged (Mass/day)	Concentrations of pollutants in discharges (Mass/Volume)	Percentage of variation from prescribed standards with reasons
a) Water	NA	NA	NA
b) Air	0.043	20.63	NA

PART D

Hazardous Wastes

[As specified under Hazardous & Other Wastes (Management & Handling) Rules, 2016]

Hazardous wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
	(1)	(2)
a) From process	6,25,278 Kgs From April – 21 to March -22 in Form No 4.	7,30,090 Kgs From April – 22 to March -23 in Form No 4.
b) From pollution control Facilities	1,66,247 Kgs From April – 21 to March -22 in Form No 4.	1,33,818 Kgs From April – 22 to March -23 in Form No 4.

PART E
Solid Wastes

	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
	(1)	(2)
a) From process	-	-
b) From pollution control Facilities	-	-
c) 1) Quantity recycled or Reutilized within the unit	1,700 kg	1,900 Kg
2) Solid	14,500.00 Kg.	12,100 Kg
3) Disposed	12,300 Kg.	14,000 Kg

8.	Imiquimod	55.13	55.13
9.	Mesna	0	54.3

(ii) Raw material consumption		
Name of raw material *	Consumption of raw material per unit of output	
	During the previous Financial year	During the current Financial year
ANNEXURE I		

* Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw material used.

PART C

Pollution discharged to environment/unit of output
(Parameters as specified in the consent issued)

Pollutants	Quantity of pollutants discharged (Mass/day)	Concentrations of pollutants in discharges (Mass/Volume)	Percentage of variation from prescribed standards with reasons
a) Water	NA	NA	NA
b) Air	0.043	20.63	NA

PART-F

Please specify the characterization (in terms of composition and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

- Hazardous waste has been categorized under categories No: 5.1, 5.2, 28.1, 28.2, 28.3, 28.4, 28.5, 28.6, 33.1, 35.1, 35.3 & 37.3 as per HW & other wastes (MH & TM) Rules 2016 and are stored in a shed for disposal to Cement industries for coprocessing /authorized incinerator facility /TSDF & authorized recyclers.
- The Hazardous waste category details are depicted in **Annexure – III**.

PART - G

Impact of pollution abatement measures taken on conservation of natural resources and on the cost of production.

I Release to Water:

- Daily monitoring carried out by water management team for water control and reduction.
- Display of water conservation posters at identified areas.

II Release to Air:

- VOCs are monitored regularly, ambient air quality monitored by external agency & same reports has been submitted to KSPCB on monthly basis.
- Indoor air monitoring done through external agency.
- Electrostatic precipitator provided to collecting dust in the Briquette fired Boiler.
- Dust Collectors are provided at PPZ area.

III Waste Management:

- Residues & wastes and spent carbon is being disposed to Cement Industry for Coprocessing.
- Paper wastes are converting into vermicompost.
- Non-hazardous waste like plastic wastes has been disposed to Authorized recyclers.
- Empty Container disposed to Authorised agency.

PART-H

Additional measures/ investment proposal for environmental protection including abatement of pollution. Prevention of pollution.

INVESTMENT DETAILS FOR THE FINANCIAL YEAR 2023-24 (PROPOSED PLAN):

SL.NO	DESCRIPTION	COST IN Rs
Revenue		
1.	Gardening.	5,00,000 /-
2.	Pollution Monitoring charges.	8,25,858/-
3.	Chemicals / Raw materials / Catalysts for Effluent Treatment.	1,40,08,400/-
	TOTAL	1,48,84,258 /-
CSR		
4.	Green Nurturing activity at Schools	5,50,000/-
5.	Plantation	4,40,000/-
	Grand Total	1,58,74,258/-

III Waste Management:

- Residues & wastes and spent carbon is being disposed to Cement Industry for Coprocessing.
- Paper wastes are converting into vermicompost.
- Non-hazardous waste like plastic wastes has been disposed to Authorized recyclers.
- Empty Container disposed to Authorised agency.

PART-H

Additional measures/ investment proposal for environmental protection including abatement of pollution. Prevention of pollution.

INVESTMENT DETAILS FOR THE FINANCIAL YEAR 2023-24 (PROPOSED PLAN):

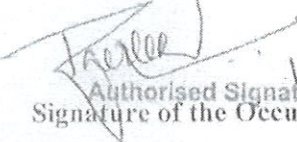
SL.NO	DESCRIPTION	COST IN Rs
Revenue		
1.	Gardening.	5,00,000 /-
2.	Pollution Monitoring charges.	8,25,858/-
3.	Chemicals / Raw materials / Catalysts for Effluent Treatment.	1,40,08,400/-
	TOTAL	1,48,84,258 /-
CSR		
4.	Green Nurturing activity at Schools	5,50,000/-
5.	Plantation	4,40,000/-
	Grand Total	1,58,74,258/-

PART-I

Any other particulars for improving the quality of the environment.

1. MEE Plant Corroded MS Platforms are being replace with FRP gratings.
2. Haz waste boards (category wise) are displaying in Haz waste shed ".
3. EHS Conduct Rules displayed in Local Language (Kannada) at Cafeteria.
4. On the Occasion of World Environment Day Saplings Plantation done at Plant No 120 A & B and Last Year Plantation survival rate is 89%.
5. Hazardous waste transportation vehicle introduction checklist introduced.
6. 98.7% Renewable Energy used in the Period of Feb-June-2023 (Solar, Wind, Hydro Energy)
7. Over all 8.62% Water Reduction (Planned V/S Actual) in April-2022 to March-23.
8. Orifice fixed for hand washing around 7 to 8 KL water saved.

For SOLARA ACTIVE PHARMA SCIENCES LIMITED


14/09/2023
Authorised Signatory
Signature of the Occupier

Annexure -I
Raw materials consumption:

LOSELTAMIVIR PHOSPHATE:

INPUT	Physical state	Qty. in Kg Per Kg Out Put
Shikimic acid	Solid	2.10
Absolute alcohol	Liquid	16.61
Thionyl chloride	Liquid	0.63
Toluene	Liquid	0.72
Ethyl acetate	Liquid	37.40
2,2-dimethoxy propane	Liquid	41.58
PTSA	Liquid	2.30
Methane sulfonyl chloride	Liquid	0.02
Triethylamine	Liquid	1.66
Methanol	Liquid	11.17
3-Pentanone	Liquid	9.34
Cyclohexane	Liquid	5.49
Trifluoromethanesulfonicacid	Liquid	0.05
MDC	Liquid	33.73
Triethylsilane	Liquid	1.26
Titanium tetrachloride	Liquid	1.26
Sodium sulphate	Solid	2.72
Hexane	Liquid	55.84
IPA	Liquid	9.66
Sodium bicarbonate	Solid	3.26
Toluene	Liquid	47.24
Methane sulfonyl chloride	Liquid	0.76
Triethylamine	Liquid	1.27
Hexane	Liquid	14.99
Magnesium chloride anhy	Solid	0.55
Tert. Butylamine	Liquid	1.39
Potassium carbonate	Solid	0.84
Diallylamine	Liquid	0.75
Benzene sulfonic acid	Solid	1.12
Sodium hydroxide	Solid	1.77
Pyridine	Liquid	2.42
Acetic anhydride	Liquid	1.23
Activated charcoal	Solid	0.43
Trifluoro acetic acid	Liquid	4.84
Hyflo	Solid	0.05

Triphenyl phosphine	Solid	0.03
Palladium acetate	Solid	0.01
Acetone	Liquid	8.27
1,3-Dimethyl barbituric acid	Solid	0.61
Phosphoric acid (85%)	Liquid	0.38
Citric acid	Liquid	0.34

2.Artesunate

INPUT	Physical State	Qty. in Kg Per Kg Out Put
Dihydroartemisinin	Solid	1.10
Succinic Anhydride	Solid	0.83
Acetone	Liquid	4.95
Triethylamine	Liquid	1.10
Hydrochloric Acid	Liquid	0.55
Ethyl Acetate	Liquid	10.73
Charcoal	Solid	0.28
Hexane	Liquid	1.93
Hyflo	Solid	0.55

3.Citicoline Sodium

INPUT	Physical State	Qty. in Kg Per Kg Out Put
Cytidine -5'-monophosphate	Solid	1.18
Methanol	Liquid	18.31
Morpholine	Solid	0.80
DCC	Solid	1.12
Phosphoryl choline ca. Salt	Solid	1.79
HCl gas in IPA	Liquid	2.57
Sodium hydroxide	Solid	0.54
Charcoal	Solid	0.12
Hyflo	Solid	0.12
IPA	Liquid	5.03
Acidic resin	Solid	8.03
Basic Resin	Solid	8.57
Acetic acid	Liquid	0.11

4. Hydralazine HCL

INPUT	Physical State	Qty. in Kg Per Kg Out Put
Phthalazone	Solid	4.38
Phosphorus Oxychloride(POCl ₃)	Liquid	10.81
Liquor Ammonia	Liquid	31.50
Methanol	Liquid	26.69
Hydrazine hydrate	Liquid	15.93
Hydralazine	Solid	1.25
Con HCl	Liquid	5.05
Charcoal	Solid	0.25
Hyflosuper cell	Solid	0.15
Methanol	Liquid	40.00

5. Praziquantel

INPUT	Physical State	Qty. in Kg Per Kg Out Put
Praz-IV	Liquid	0.94
MDC	Liquid	18.74
Con H ₂ SO ₄	Liquid	2.02
NaOH	Solid	1.69
Charcoal	Solid	0.16
Hyflosuper cell	Solid	0.03
HCl	Liquid	0.68
Ethyl Acetate	Liquid	2.45
Przole-V	Solid	0.78
Sodium carbonate	Solid	0.47
Cyclohexanecarbonyl chloride	Liquid	0.59
Prazi 2 nd crop	Solid	0.29
Methanol	Liquid	6.18

6. Succinyl choline chloride

INPUT	QTY (kg)	Physical State	Qty. in Kg Per Kg Out Put
Succinic Anhydride	75	Solid	1.25
Toluene	322.5	Liquid	5.38
N,-N dimethyl amino ethanol	147	Liquid	2.45
Para-Toluene Sulphonic Acid	1.88	Liquid	0.03
Potassium Carbonate	37.5	Solid	0.63
Methanol	56.4	Liquid	0.94
Crude succinylcholine chloride	65	Solid	1.08
IPA	626	Liquid	10.43
Activated charcoal	3.25	Solid	0.05
Hyflo super cell	3	Solid	0.05
Liquor Ammonia	3.2	Liquid	0.05

7.Etomidate.

INPUT	Physical State	Qty. in Kg Per Kg Out Put
(R+)-phenylethylamine	Liquid	2.2
Ethylchloroacetate	Liquid	2.64
Triethylamine	Liquid	2.2
Toluene	Liquid	17.63
Formic acid	Liquid	0.9
Sodiummethoxide	Solid	0.814
Sodium bicarbonate	Solid	0.22
Ethylformate	Liquid	3.52
Potassium thiocyanate	Solid	1.76
Con HCl	Liquid	11.5
MDC	Liquid	7.3
Ethanol	Liquid	2.2
Stage-1	Liquid	2.2
Sodium tungstate	Solid	0.022
50%H2O2	Liquid	1.54
Sodium carbonate	Solid	3.57
Ethyl acetate	Liquid	9.2
HCl in ethylacetate	Liquid	1.62
n-heptane	Liquid	4.54
Activated charcoal	Solid	0.055
Hyflo supercell	Solid	0.1

8. Imiquimod

INPUT	Physical State	Qty. in Kg Per Kg Out Put
4-Chloro-1-isobutyl-1H-imidazo [4,5-c] quinolone	Liquid	1.33
Aq. Ammonia	Liquid	15.8
Methanol	Liquid	10.36
Con. HCl	Liquid	13.98
Hyflo	Solid	0.1
Activated Charcoal	Solid	0.1

9. Mesna

INPUT	Physical State	Qty. in Kg Per Kg Out Put
Sodium sulphite	Solid	3.33
Ethanol	Liquid	31.67
Ethylene dibromide	Liquid	16.53
Thiourea	Solid	1.67
MESNA-II	Solid	3.33
Ethanol	Liquid	40.00
Aq NH ₃	Liquid	2.00
Sodium hydroxide	Solid	0.73
Acetic acid	Liquid	2.17

FORM.NO: A3/SE/017/F-02

WASTE INVENTORY RECORDS

SOLARA ACTIVE PHARMA SCIENCES LIMITED

YEAR: 2022- 2023

Hazardous waste	Waste code	Opening Balance in Kg.	Qty. generated Kg / No.	Qty. Recycled/ disposed/ Treatment	Closing Balance in Kg.	Remarks
Used oil (In Liters)	5.1	0	1050	1050	0	MAINT
Waste Residues Containing oil	5.2	0	350	350	0	MAINT
Process Residues and waste	28.1	100	48050	44950	3200	PROCESS
Spent catalyst	28.2	819	30787	30460	1146	PROCESS
Spent carbon	28.3	979	44803	42890	2892	PROCESS
Off Specification Product	28.4	0	0	0	0	PROCESS
Date Expired Product	28.5	0	500	500	0	Warehouse/QA
Spent Solvent	28.6	0	601610	601610	0	PROCESS
Empty barrels/containers/liners Contaminated with Hazardous Chemical/waste	33.1	0	2440	2440	0	PROCESS
Exhaust air or gas Cleaning residue	35.1	200	500	700	0	PROCESS
Chemical sludge from waste water Treatment (Sludge From ETP)	35.3	0	15370	15370	0	ETP
Concentration or Evaporation Residues (Sludge/Salt From MEE/ATFD.	37.3	7738	118448	111850	14336	ETP
Total		9836	863908	852170	21574	

Authorized by: Jagadisha

Signature:

Date:

13/09/2023

Prepared by: Mayure

Signature:

Date:

13/09/2023