



Edward Food Research & Analysis Centre Limited



ULR-TC581722000017210F

QA.15.0.0.3

TEST REPORT

ISSUED TO

Medicare Environmental Management Pvt.Ltd
K-26, Phase-III, Industrial Growth Centre, Kalyani
Kalyani - 741235
KIND ATTENTION : Mr. Suraj Shaw

REPORT NO : EFRAC/2022/ENV/07109
ISSUE DATE : 07/01/2023
CUSTOMER REF : TRF
REF. DATE : 31/12/2022
PAGE NO : 01 of 05

SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 31/12/2022
Sample Registration Date : 31/12/2022
Sample Registration No : EFRAC/2022/ENV/07109/02/MT/ 00355
Sample Type : AAQM
Batch No : Near Main Gate

Sample Quantity Received : 1 no.
Sample Quantity Used : 1 no.
Sample Submitted/Drawn by : EFRAC
Sampling Date : 29/12/2022
Sampling Method : IS / EPA
Sampler Name : Satyajit Mondal
Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 31/12/2022

Analysis Completion Date : 04/01/2023

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Heavy Metals						
1	Arsenic (As)	ng/m ³	EPA-IO-3.5	N/A	Max: 6.0	<0.5
2	Lead (Pb)	µg/m ³	EPA-IO-3.2	N/A	Max: 1.0	<0.01
3	Nickel (Ni)	ng/m ³	EPA-IO-3.5	N/A	Max: 20.0	<0.5

Remarks : Requirements given as per NAAQM : 2009. Max: Maximum



Syed Saidul Alam
(E. CODE: EC56152)
Authorized Signatory

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Kalyani - 741235	REF. DATE	: 31/12/2022
KIND ATTENTION : Mr. Suraj Shaw	PAGE NO	: 02 of 05

SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS			
Sample Receipt Date	: 31/12/2022	Sample Quantity Received	: 1 no.
Sample Registration Date	: 31/12/2022	Sample Quantity Used	: 1 no.
Sample Registration No	: EFRAC/2022/ENV/07109/02/WC/ 00417	Sample Submitted/Drawn by	: EFRAC
Sample Type	: AAQM	Sampling Date	: 29/12/2022
Batch No	: Near Main Gate	Sampling Method	: IS / EPA
		Sampler Name	: Satyajit Mondal
		Sample Condition	: Fit For Analysis
SAMPLE ANALYSIS DETAILS			
Analysis Starting Date	: 01/01/2023	Analysis Completion Date	: 04/01/2023

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters						
1	Benzene(C6H6)	µg/m3	IS: 5182 (Part-11) :2006 Adsorption & Desorption followed by GC	N/A	Max:5.0	NMT 2.0
2	Carbon Monoxide (CO)	mg/m ³	QA.16.5.80 (NDIR), DOI: 03.03.2014	N/A	Max:4.0	0.71

Remarks : Requirement given as per NAAQM 2009.



Kaushik Mondal
Group Leader
Authorized Signatory

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Batch No	: Near Main Gate	Sampling Method	: IS / EPA
		Sampler Name	: Satyajit Mondal
		Sample Condition	: Fit For Analysis
SAMPLE ANALYSIS DETAILS			
Analysis Starting Date	: 01/01/2023	Analysis Completion Date	: 04/01/2023

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
PAH						
1	Benzo(a)Pyrene	ng/m ³	USEPA TO13 A	N/A	Max:1.0	NMT 0.01

Remarks : Requirement given as per NAAQM 2009.



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SAMPLE ANALYSIS DETAILS			
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TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Environment						
1	PM 10	µg/m3	IS 5182 (Part 23) : 2006	N/A	Max:100.0	95.45
2	PM 2.5	µg/m3	IS: 5182 (Part 24) : 2019	N/A	Max:60.0	55.60
3	Total Suspended Particulate Matter (SPM)	µg/m3	IS: 5182 (Part 24) : 2019	N/A	Max:60.0	55.60
4	Respirable Suspended particles matter (RSPM)	µg/m3	IS 5182 (Part 23) : 2006	N/A	Max:100.0	95.45
5	Sulphur Dioxide(SO ₂)	µg/m3	IS 5182 (Part-2) : 2001	N/A	Max:80.0	11.89

Remarks : Requirement given as per NAAQM 2009.



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TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Environment (Contd.)						
6	NOx	µg/m3	IS 5182 (Part-6) :2006	N/A	Max:80.0	21.65
7	Ammonia (NH3)	µg/m3	Methods of Air Sampling and Analysis 3rd Edition, Method 401	N/A	Max:400.0	30.85
8	Ozone (O3)	µg/m3	Methods of Air Sampling and Analysis 3rd Edition, Method 411	N/A	Max:180.0	NMT 10.0

Remarks : Requirement given as per NAAQM 2009.



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