

ISSUED TO:

**M/s. MUMBAI WASTE MANAGEMENT LYD.,
(A DIVISION OF RAMKY ENVIRO ENGINEERES LTD)
PLOT NO: P-32, BEHIND GALAXY SURFACTANTS,
MIDC TALOJA,
PANVEL TALUKA, RAIGAD DISTRICT,
MAHARASTHRA 410 208**

Report Number : VLL/VLS/25/05918/BMW/01
Issued Date : 2025.07.05
P. Order Ref : 0400115208
P.O. Date : 22.08.2024

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SAMPLE PARTICULARS : Stack Connected to Bio-Medical Waste Incinerator.

Sampling Date : 2025.06.14 Sample Registration Date : 2025.06.17
Analysis Starting Date : 2025.06.18 Analysis Completion Date : 2025.07.05
Test Required : Velocity, Flow rate, O₂, CO₂, CO, NO_x, SO₂, HCl, HF, TOC and PM, HC
Raw Material Used : Pharmaceutical waste, Solid waste & Liquid waste
Sample collected by Vimta Labs Ltd.

TEST REPORT

Sr. No.	Parameters	UoM	Method of Testing	Results	Limits as per MoEF&CC Notification GSR 497(E)
1	Total Height of Stack	m	--	30	--
2	Flue gas temperature	0C	-	73	--
3	Dia of the Stack	m	--	0.78	--
4	Velocity of Flue Gas,	m/sec	USEPA Method 3	8.3	--
5	Volumetric Flow Rate	Nm ³ /Hr		12625	--
6	Oxygen as O ₂	%	by Combustion Analyser	13.5	--
7	Carbon Dioxide as CO ₂	%		8.9	--
8	Carbon Monoxide as CO	mg/Nm ³		38.6	50.0
9	Oxides as Nitrogen as NO _x as NO ₂	mg/Nm ³	USEPA Method -07	345	400.0
10	Sulphur dioxide as SO ₂	mg/Nm ³	USEPA Method -06	86.6	200
11	Hydrogen Chloride as HCl	mg/Nm ³	USEPA Method -26	33.2	50.0
12	Hydrogen Fluoride as HF	mg/Nm ³	USEPA method -13	1.06	4.0
13	Total Organic Compounds as TOC	mg/Nm ³	USEPA method -40 & MM5(10)	5.4	20.0
14	Particulate Matter as PM	mg/Nm ³	USEPA Method 5	32.1	50.0
15	Hydrocarbons	ppm	Flue Gas Analyzer	10.8	--

All the Values are represented at 11 % O₂.
ELV-Emission Limit Value


Dr. Subba Reddy Mallampati
Manager-Environment.