

Vimta Labs Limited

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Driven by Quality. Inspired by Science.

ISSUED TO:

**M/s. MARIDI BIO INDUSTRIES PVT LTD (UNIT-1),
SY NO. 137/138, 35TH MILE STONE,
KANAKAPUR MAIN ROAD, GABBADI, KAWAL,
RAMANAGARA DISTRICT, BANGALORE-562112,**

Report Number : VLL/VLS/25/12697/02
Issued Date : 2025-10-07
P.O. Number : 0400130134
P.O. Date : 20-09-2025

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Sample Particulars : Bio Medical Waste Incinerator stack

Sampling Date : 2025-09-18 Sample Registration Date : 2025-09-19
Analysis Starting Date : 2025-09-22 Analysis Completion Date : 2025-10-06
Test Required : PCDD& PCDF

***Sample not drawn by Vimta Labs Limited and Tested as received basis from Re-Sustainability Limited,
Karnataka Waste Management Project.**

TEST REPORT

Sr.no.	Parameters	UoM	Results
Below Details provided by Re-Sustainability Limited.			
1	Diameter of Stack	m	1.0
2	Temperature	°C	72
3	Average Velocity	m/sec	9.29
4	Volumetric flow rate	Nm ³ /Hr	19,407
5	Oxygen as O ₂	%	11.70
6	Total Volume drawn	Nm ³	4.35

Congeners of Dioxin & Furans		Concentration		
		Concentration (ng)	TEF	TEQ (ng)
1	2378-TCDD	0.0011	1	0.0011
2	12378-PeCDD	0.5182	0.5	0.2591
3	123478-HxCDD	0.00844	0.1	0.0008
4	123678-HxCDD	0.04125	0.1	0.0041
5	123789-HxCDD	0.06803	0.1	0.0068
6	1234678-HpCDD	0.005681	0.01	0.0001
7	OCDD	0.0001134	0.001	0.0000
8	2378-TCDF	0.00088	0.1	0.0001
9	12378-PeCDF	0.001296	0.05	0.0001
10	23478-PeCDF	0.05804	0.5	0.0290
11	123478-HxCDF	0.03125	0.1	0.0031
12	123678-HxCDF	0.03125	0.1	0.0031
13	123789-HxCDF	0.03125	0.1	0.0031
14	234678-HxCDF	0.03125	0.1	0.0031
15	1234678-HpCDF	0.003125	0.01	0.0000
16	1234789-HpCDF	0.003125	0.01	0.0000
17	OCDF	0.0001177	0.001	0.0000
Total ng TEQ				0.3138
Vstd (Nm ³)				4.350
Total ng TEQ/Nm ³				0.07213
Total Furans & Dioxins (ng TEQ/Nm ³ at 11 % O ₂ Correction)				0.0776
*ELV: Emission Limit Value as per As per MoE,F&CC Gazzatte Notification GSR 343(E)				< 0.1

Name and Designation of the Authorized Signatory

**Dr. SubbaReddy Mallampati
Manager- Environnent**