

**Date:** 06.05.2026

**To**  
The Environmental Engineer  
Telangana Pollution Control Board  
Sanath Nagar, Hyderabad

**Subject:** Submission of **FORM – 3** [See Rule 9 (1)] – Record of Hazardous Waste Management

Respected Sir/Madam,

We, **Maridi Bio Industries Pvt. Ltd.**, located at **Sy. No. 63/1, Kagaz Maddur Village, Narsapur Mandal, Medak District**, hereby submit **FORM – 3** (Format for maintaining records of Hazardous Waste) as per the provisions of Rule 9 (1) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

Please find enclosed the duly filled **FORM – 3** for the reporting period of Jan,2025 to Dec,2025 for your kind perusal and necessary action.

We request you to kindly acknowledge the receipt of the same. Should you require any further information or clarification, please feel free to contact us.

**Enclosure:** FORM – 3, Test Reports Vimta Lab

Thank you.

  
**Yours faithfully,**

**For Maridi Bio Industries Pvt. Ltd.,**

**STEPHEN ANTONY FERNANDEZ**  
[Deputy Manager]  
Hyderabad



FORM – 3  
[See Rule 9 (1)]

FORMAT FOR MAINTAINING RECORDS OF HAZARDOUS WASTES AT THE FACILITY:

1). Name and address of the occupier or operator of a facility : Maridi Bio Industries Pvt. Ltd,  
Survey No. 63/1, Kagaz Madhur Village, Narsapur  
Mandal, Medak Dist. – 502 313, Telangana  
Maridi Bio Industries Pvt. Ltd.

2). Details of issuance of authorization and its reference number : **No.33/TGPCB/HO/CBMWTF/CFO/2025 dated  
26.09.2025, valid up to 31.10.2030.**

3). Description of Hazardous Waste: **1). Incinerable Ash, 2). ETP Sludge**

Physical form with description	Chemical form	Total volume & weight (in Kg)
Solid & Sludges	Nil	116.28 Tons of ash and sludge generated and disposed during the treatment of 692975.60 kg of Bio Medical waste.

4). Description of storage and treatment of hazardous waste:

Date	Method of storage of hazardous wastes	Date	Methods of treatment of hazardous wastes
During the calendar year- 2025	The Ash & Sludge generated from Bio Medical waste treatment should be stored in a separate container and should not be mixed with other type of waste. It should be store in a dry place and should not be exposed to rain or other weather conditions.	During the calendar year- 2025	The Ashes & Sludges generated are sent to engineered hazardous wastes' landfills (TSDF-Dundigal)

5). Details of transportation of hazardous waste:

Name & address of the consignee of package	Mode of packing of the waste for transportation	Mode of transportation to the site of disposal	Date of transportation
TSDF-Hyderabad Waste Management Project, Dundigal(V), Dundgal-Gandimaisamma(M), Medichal-Malkajgiri District	Separate container	Hazardous wastes can be transported site to disposal in container tank trucks made of steel or aluminum alloy	Jan,2025 to Dec,2025

6). Details of disposal of hazardous waste:

Date of disposal	Concentration of hazardous material in the final waste form	Site of Disposal (Identify the location on the relevant layout drawing for reference)	Method of Disposal	Persons involved in Disposal
NA	NA	NA	NA	NA

7). Details of environmental surveillance:

Date of Measurement	Analysis of Ground Water samples	Analysis of Soil Samples	Analysis of Air Sampling	Analysis of any of any other samples (give details)			
19.03.2025	-----	-----	Enclosed Report	Enclosed Report			
05.06.2025	-----	-----	Enclosed Report	Enclosed Report			
Location of sampling	Depth of sampling	Data	Location of sampling	Depth of sampling	Data	Location of sampling	Data
Enclosed Report	Enclosed Report	Enclosed Report	Enclosed Report	Enclosed Report	Enclosed Report	Enclosed Report	Enclosed Report

8). Details of the hazardous wastes used and recycled

Date	Total quantity of hazardous wastes generated	Details of hazardous waste minimization activity	Material received	Final quantity of waste generated	Net reduction in waste generation quantity and percentage
During the calendar year- 2025	116.28 Tons of ash and sludge generated and	It consists of reducing waste generation as well as recycling,	-	-	-

	disposed during the treatment of 692975.60 kg of Bio Medical waste.	reuse and treatment, with due consideration for both primary wastes from the original nuclear cycle and secondary wastes generated by reprocessing and clean-up operations.			
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Place: Hyderabad

Date:06/05/2026

  
STEEPHEX ANTONY FERNANDEZ  
Deputy. Manager

**Vimta Labs Limited**

Registered Office  
142, IDA Phase II, Chertlapally  
Hyderabad-500 051, Telangana, India  
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**ISSUED TO:**  
M/S. Maridi Bio Industries Private Limited.,  
Maridi Bio-Kagaz Maddur,  
Sy.No: 63/1, Kagaz Maddur Village,  
Narsapur Mandal, Medak District, Telangana.

Report Number : VLL/VLS/24/23471/Ash/1  
Issued Date : 2025.03.19  
P.O. No : 0400121996  
P.O. Date : 24.02.2025

Page 01 of 01

Sample Name : Ash Sample

Sampling Date	: 2025.02.28	Sample Registration Date	: 2025.03.04
Analysis Starting Date	: 2025.03.05	Analysis Completion Date	: 2025.03.08
Method of Testing	: As per USPA Edition 1311, IS 3025.		
Test Required	: Arsenic, Barium, Cadmium, Lead, Manganese, Mercury, Selenium, Silver, Beryllium, Cobalt, Copper, Molybdenum		
Samples Coded	: Ash Sample		
Samples Collected by Vimta Labs Limited.			

**TEST REPORT**

Sr. No.	PARAMETER	UOM	Result
1	Arsenic	mg/L	<0.01
2	Barium	mg/L	2.4
3	Cadmium	mg/L	<0.01
4	Lead	mg/L	<0.1
5	Manganese	mg/L	1.4
6	Mercury	mg/L	<0.001
7	Selenium	mg/L	<0.01
8	Silver	mg/L	0.23
9	Beryllium	mg/L	<0.01
10	Cobalt	mg/L	0.65
11	Copper	mg/L	0.36
12	Molybdenum	mg/L	1.24

Remarks: Results relate only to the sample tested.

--END OF THE TEST REPORT --

  
**Dr. Subba Reddy Mallampatti**  
Manager-Environment

Life Sciences Campus, # 5, Neovantage Science & Technology Park, Genome Valley, Shamirpet, Medchal-Malkajgiri District.  
Hyderabad - 500 101, Telangana, India. T : +91 40 6740 4040 E : mdoffice@vimta.com URL : www.vimta.com

CIN : L24110TG1990PLC011977

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Maridi Bio-Kagaz Maddur,  
Sy.No: 63/1, Kagaz Maddur Village,  
Narsapur Mandal, Medak  
District, Telangana.

**Report Number** : VLL/VLS/24/23471 /ASH/002  
**Issue Date** : 2025.03.19  
**P.O. No.** : 0400121996  
**P.O. Date** : 24-02-2025

Page 1 of 1

<b>SAMPLE PARTICULARS</b>	: Ash Sample		
Sampling Date	: 2025.02.28	Sample Registration Date	: 2025.03.04
Analysis Starting Date	: 2025.03.05	Analysis Completion Date	: 2025.03.08
Test Required	: Loss on Ignition, Total Organic Carbon		
Method of Testing	: ASTM D7348 and SOP No. 26/22		
Sample collected by	: Vimta Labs Ltd.,		

**TEST REPORT**

S. No.	Test Parameters	UoM	Results
1	Total Organic Carbon	%	1.98
2	Loss on Ignition	%	2.56

Remarks: Results relate only to the sample tested.

--END OF THE TEST REPORT --

**Dr. Subba Reddy Mallampatti**  
**Manager-Environment**

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CIN : L24110TG1990PLC011977

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Maridi Bio-Kagaz Maddur,  
Sy.No: 63/1, Kagaz Maddur Village, Narsapur  
Mandal, Medak District, Telangana.**

Report Number : VLL/VLS/24/23471/N/1  
Issued Date : 2025.03.19  
P.O. Number : 0400121996  
P.O. Date : 24.02.2025

Page 01 of 01

**Sample Particulars : AMBIENT NOISE MONITORING**

Sampling Date : 2025.02.28 Sample Registration Date : 2025.03.04

Test Required : Day, Night, & Average

Sample Collected by Vimta Labs Ltd

**TEST REPORT**

Parameters	UoM	Day	Night	Average
Near Main Gate	db(A)	69.2	60.4	64.8

Name and Designation of Authorized Signatory

  
**Dr. Subba Reddy Mallampati  
Manager-Environment**

**Vimta Labs Limited**

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**Maridi Bio-Kagaz Maddur,**  
**Sy.No: 63/1, Kagaz Maddur Village, Narsapur Mandal,**  
**Medak District, Telangana.**

Report Number : VLL/VLS/24/23471/DG/1  
Issued Date : 2025.03.19  
P.O. Number : 0400121996  
P.O. Date : 24.02.2025

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**Sample Particulars** : Diesel Generator Emission Monitoring  
**DG Set ID** : DG Set-1

Sampling Date	: 2025.02.28	Sample Registration Date	: 2025.03.04
Sample Starting Date	: 2025.03.05	Analysis Completion date	: 2025.03.08
Sample Collected by Vimta Labs Ltd.			

**TEST REPORT**

Sr. No.	Parameters	UoM	Method of Testing	Results	* Limits
<b>Physical Parameters</b>					
1	DG Set Capacity	KVA	-	62.5	--
2	Stack diameter	m	-	0.235	--
3	Area of the Stack	m <sup>2</sup>	-	0.126	--
4	Flue gas Temperature	°C	USEPA M-2	67	--
5	Velocity of the Flue gas	m/Sec		6.34	--
6	Volumetric Flow rate	Nm <sup>3</sup> /hr		836	--
<b>Chemical Parameters</b>					
7	Sulphur Dioxide as SO <sub>2</sub>	mg/Nm <sup>3</sup>	By Combustion Analyzer	53.8	--
8	Carbon Monoxide as CO@ 15% O <sub>2</sub>	mg/Nm <sup>3</sup>		48.7	≤ 150
9	Oxides of Nitrogen NO <sub>x</sub> as NO <sub>2</sub> @ 15% O <sub>2</sub>	ppmv		79.9	≤ 710
10	Hydro Carbons as NMHC @ 15% O <sub>2</sub>	mg/ Nm <sup>3</sup>		24.6	≤ 100
11	Particulate Matter as PM @15% O <sub>2</sub>	mg/ Nm <sup>3</sup>	USEPA M-5	25.9	≤ 115

\*Limits as per MOEF Notification GSR 489(E) for DG-Sets of a Capacity ≥ 800 KW

Name and Designation of Authorized Signatory

  
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**Medak District, Telangana.**

Report Number : VLL/VLS/24/23471/01  
Issued Date : 2025.03.19  
P.O. No : 0400121996  
P.O. Date : 24.02.2025

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**Sample Particulars : Stack Connected to Incinerator.**

Sampling Date	: 2025.02.28	Sample Registration Date	: 2025.03.04
Analysis Starting Date	: 2025.03.05	Analysis Completion Date	: 2025.03.18
Test Required	: Velocity, Flow rate, O <sub>2</sub> , CO <sub>2</sub> , CO, NO <sub>x</sub> , SO <sub>2</sub> and PM.		
Incinerator Capacity	: 250 Kg/Hr		
Sample collected by Vimta Labs Ltd.			

**TEST REPORT**

Sr. No.	Parameters	UoM	Method of Testing	Results	ELV*
1	Total Height of Stack	m	--	20	--
2	Flue gas temperature	OC	-	116	--
3	Dia of the Stack	m	--	1.0	--
4	Velocity of Flue Gas,	m/sec	USEPA Method 2	8.24	--
5	Volumetric Flow Rate	Nm <sup>3</sup> /Hr		17210	--
6	Oxygen as O <sub>2</sub>	%	by Combustion Analyser	14.6	--
7	Carbon Dioxide as CO <sub>2</sub>	%		6.32	--
8	Carbon Monoxide as CO	mg/Nm <sup>3</sup>		58.9	<100.0
9	Oxides as Nitrogen as NO <sub>x</sub> as NO <sub>2</sub>	mg/Nm <sup>3</sup>	USEPA Method -07	223.7	<400.0
10	Sulphur dioxide as SO <sub>2</sub>	mg/Nm <sup>3</sup>	USEPA Method -06	54.3	<200
11	Hydrogen Chloride as HCl	mg/Nm <sup>3</sup>	USEPA Method -26	22.9	<50.0
12	Hydrogen Fluoride as HF	mg/Nm <sup>3</sup>	USEPA method -13	0.82	<4.0
13	Particulate Matter as PM	mg/Nm <sup>3</sup>	USEPA Method 5	23.7	50.0

\*Emission Limit Values as per Schedule II of the Bio-medical Waste Management Rules, 2016  
All the Values are represented at 11 % O<sub>2</sub>

  
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Manager-Environment.

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Report Number : VLL/VLS/24/23471/01  
Issued Date : 2025.03.19  
P. Order Ref : 0400121996  
P.O. Date : 24.02.2025

Page 2 of 2

Sample Particulars : Stack Connected to Incinerator.

Sampling Date : 2025.02.28 Sample Registration Date : 2025.03.04  
Analysis Starting Date : 2025.03.05 Analysis Completion Date : 2025.03.18  
Test Required : Mercury as Hg; Cd + Tl its compounds+ As+ Pb+ Co+ Cr+ Cu+ Mn+ Ni+ V+ Their  
compounds  
Sample collected by Vimta Labs Ltd.

**TEST REPORT**

Sr. No.	Parameters	UoM	Method of Testing	Results	ELV*
1	Mercury as Hg + their Compound	mg/Nm <sup>3</sup>	USEPA method -29	0.013	<0.05
2	Cadmium + Thallium (Cd + Tl) + their Compound			<0.001	<0.05
3	Chromium as Cr + their Compound			0.022	--
4	Manganese as Mn + their Compound			0.014	
5	Arsenic as As + their Compound			0.013	
6	Antimony as Sb + their Compound			0.010	
7	Lead as Pb + their Compound			0.012	
8	Cobalt as Co + their Compound			0.019	
9	Copper as Cu + their Compound			0.009	
10	Nickel as Ni + their Compound			0.012	
11	Vanadium as V + their Compound			0.015	
12	Total Metals: Sb+ As+ Pb+ Co+ Cr+ Cu+ Mn+ Ni+ V+ Their compounds			0.079	

Instruments used: GC-FID, ICP-MS, Cold Vapor AAS and GC-MS

All the values are represented at 11% O<sub>2</sub>.

  
Dr. Subba Reddy Mallampati  
Manager-Environment.

## Vimta Labs Limited

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### ISSUED TO:

M/S. Maridi Bio Industries Private Limited.,  
Maridi Bio-Kagaz Maddur,  
Sy.No: 63/1, Kagaz Maddur Village, Narsapur Mandal,  
Medak District, Telangana.

Report Number : VLL/VLS/24/23471/CE/01  
Issued Date : 2025.03.19  
P.O. No : 0400121996  
P.O. Date : 24.02.2025

Page 1 of 1

Sample Particulars : DESTRUCTION AND REMOVAL EFFICIENCY OF INCINERATOR

Sampling Date	: 2025.02.28	Sample Registration Date	: 2025.03.04
Analysis Starting Date	: 2025.03.05	Analysis Completion Date	: 2025.03.18
Test Required	: Destruction Efficiency		
Incinerator Capacity	: 200 Kg/Hr (4.5 TPH)		
Sample collected by Vimta Labs Ltd.			

## TEST REPORT

Sr. No.	Parameters	Results
1	Combustion Efficiency of Principle organic BMW	98.84%

  
Dr. Subba Reddy Mallampati  
Manager-Environment.

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**Sy.No: 63/1, Kagaz Maddur Village, Narsapur**  
**Mandal, Medak District, Telangana.**

Report Number : VLL/VLS/24/23471/ETPI/2  
Issued Date : 2025.03.19  
P.O. No : 0400121996  
P.O. Date : 24.02.2025

Page 1 of 1

**SAMPLE PARTICULARS : ETP INLET WATER**

Sampling Date	: 2025.02.28	Sample Registration Date	: 2025.03.04
Analysis Starting Date	: 2025.03.05	Analysis Completion Date	: 2025.03.08
Test Required	: pH, TDS, TSS, COD, BOD and oil & Grease		
Sample Quantity	: 2 Litres x 1 No.		
Sample Collected by Vimta Labs Ltd.			

**TEST REPORT**

S. No.	Test Parameters	Method of Testing	UoM	Results
1	pH at 25°C	APHA 23rd ed 4500 H	--	6.98
2	Total Dissolved Solids at 180°C	APHA 23rd ed 2540 C	mg/l	2875
3	Total Suspended solids 105°C	APHA 23rd ed 2540 D	mg/l	78
4	Oil & Grease	APHA 23rd ed 5520 C	mg/l	2.7
5	Biological Oxygen demand @ 27°C for 3days	IS 3025 Part-44	mg/l	80
6	Chemical Oxygen Demand at 150°C	APHA 23rd ed 5220 B	mg/l	360

**Name and Designation of Authorized Signatory**

**Dr. Subba Reddy Mallampati**  
**Manager - Environment**

**Vimta Labs Limited**

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**Mandal, Medak District, Telangana.**

Report Number : VLL/VLS/24/23471/ETPO/1  
Issued Date : 2025.03.19  
P.O. No : 0400121996  
P.O. Date : 24.02.2025

Page 1 of 1

**SAMPLE PARTICULARS : ETP OUTLET WATER**

Sampling Date	: 2025.02.28	Sample Registration Date	: 2025.03.04
Analysis Starting Date	: 2025.03.05	Analysis Completion Date	: 2025.03.08
Test Required	: pH, TDS, TSS, COD, BOD and oil & Grease		
Sample Quantity	: 2 Litres x 1 No.		
Sample Collected by Vimta Labs Ltd.			

**TEST REPORT**

S. No.	Test Parameters	Method of Testing	UoM	Results
1	pH at 25°C	APHA 23rd ed 4500 H	--	7.78
2	Total Dissolved Solids at 180°C	APHA 23rd ed 2540 C	mg/l	1987
3	Total Suspended solids 105°C	APHA 23rd ed 2540 D	mg/l	18
4	Oil & Grease	APHA 23rd ed 5520 C	mg/l	<1.0
5	Biological Oxygen demand @ 27°C for 3days	IS 3025 Part-44	mg/l	18.0
6	Chemical Oxygen Demand at 150°C	APHA 23rd ed 5220 B	mg/l	60

**Name and Designation of Authorized Signatory**

**Dr. Subba Reddy Mallampati**  
**Manager - Environment**

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**Maridi Bio-Kagaz Maddur,**  
**Sy.No: 63/1, Kagaz Maddur Village, Narsapur**  
**Mandal, Medak District, Telangana.**

Report Number : VLL/VLS/24/23471/BA/1  
Issued Date : 2025.03.19  
P.O. No : 0400121996  
P.O. Date : 24.02.2025

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**SAMPLE PARTICULARS : ETP OUTLET WATER**

Sampling Date	: 2025.02.28	Sample Registration Date	: 2025.03.04
Analysis Starting Date	: 2025.03.05	Analysis Completion Date	: 2025.03.08
Test Required	: Bio Assay		
Sample Quantity	: 2 Litters x 1 No.		
Sample Collected by	Vimta Labs Ltd.		

**TEST REPORT**

%Conc [v/v]	No of Fish	Mortality Record				Symptoms of Toxicity
		Time in hours				
		24	48	72	96	
Control	10	0	0	0	0	No symptoms of Toxicity were observed
Test (100 %)	10	0	0	0	0	No symptoms of Toxicity were observed

Method of Testing: As per IS: 6582-1971 (Reapproved 1992) Fish species: *Puntius sophore* (Fresh water minor caro) size: 2.5 to 3.0 cm Quality of sample pH: 7.78 and DO: 4.1 mg/L

**Name and Designation of Authorized Signatory**

**Dr. Subba Reddy Mallampati**  
Manager - Environment

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**ISSUED TO:**

M/s. MARIDI BIO INDUSTRIES PRIVATE LIMITED,  
SY.NO. 63/1, KAGAZ MADDUR VILLAGE,  
NARSAPUR MANDAL, MEDAK- Dist:502313  
TELANGANA, INDIA.

Report Number : VLL/VLS/25/03453/01  
Issued Date : 2025.06.05  
P.O. Number : 0400125262  
P.O. Date : 13.05.2025

Page 1 of 1

**SAMPLE PARTICULARS : Stack Connected to Bio Medical Waste Incineration**

Sample Registration Date : 2025.05.16 Sampling Date : 2025.05.15  
Analysis Starting Date : 2025.05.17 Analysis Completion Date : 2025.06.05  
Test Required : PCDD&PCDF  
Capacity of BMW Incinerator : 200 Kg/Hr  
Fuel Used : Diesel  
Sample collected by Vimta Labs Ltd.

**TEST REPORT**

Sr.No.	PARAMETERS	UoM	RESULTS	
<b>PHYSICAL PARAMETERS OF STACK</b>				
1	Diameter of Stack	m	1.0	
2	Temperature	°C	124	
3	Average Velocity	m/sec	8.40	
4	Volumetric flow rate	Nm <sup>3</sup> /Hr	17174	
<b>Gongeners of Dioxin &amp; Furans</b>		<b>Concentration</b>		
		<b>Concentration (ng)</b>	<b>TEF</b>	<b>TEQ (ng)</b>
1	1234678-HpCDD	0.8653	0.01	0.0087
2	1234678-HpCDF	0.7632	0.01	0.0076
3	1234789-HpCDF	0.7698	0.01	0.0077
4	123478-HxCDD	0.0567	0.1	0.0057
5	123478-HxCDF	0.0949	0.1	0.0095
6	123678-HxCDD	0.3571	0.1	0.0357
7	123678-HxCDF	0.6135	0.1	0.0614
8	123789-HxCDD	0.5763	0.1	0.0576
9	123789-HxCDF	0.0064	0.1	0.0006
10	12378-PeCDD	0.0042	0.5	0.0021
11	12378-PeCDF	0.0748	0.05	0.0037
12	234678-HxCDF	0.0987	0.1	0.0099
13	23478-PeCDF	0.0104	0.5	0.0052
14	2378-TCDD	0.0000	1	0.0000
15	23478-TCDF	0.0912	0.1	0.0091
16	OCDD	1.8765	0.001	0.0019
17	OCDF	0.5765	0.001	0.0006
<b>Total ng TEQ</b>				0.2270
<b>Vstd (Nm<sup>3</sup>)</b>				5.50
<b>ng TEQ/Nm<sup>3</sup></b>				0.0413
<b>% of O<sub>2</sub> in Flue Gas</b>				12.3
<b>Total Furans &amp; Dioxins (ng TEQ/Nm<sup>3</sup> at 11 % O<sub>2</sub> Correction)</b>				0.0475
<b>Limits As per Schedule II of the Bio-medical Waste Management Rules, 2016. ng TEQ/Nm<sup>3</sup> at 11 % O<sub>2</sub> Correction</b>				0.1

Instruments used for Gaseous: Optima 7 Multi Gas Analyzer. Method of Testing: As per USEPA 23 A & 8290  
Detection Limit 0.01pg



*(Signature)*

Dr. Subba Reddy Mallampati  
Manager-Environment

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