



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB.: H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.
Tel. : (02362) 223519 • E-mail : info@gadark.in • Website : www.gadark.in

OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.
Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST REPORT

Doc.No : GLPL/QF/7.8/03

Test Report No.	GA/VEN/25/05001, 05017, 05031, 05047, 05061, 05077, 05091, 05107 & 05132.	Test Report Date	03/06/2023
Customer Name and Address	M/s. VEDANTA LIMITED. VALUE ADDITION BUSINESS, AMONA AND NAVELIM, BICHOLIMM - GOA.		
Letter Ref / Date .	As per dated PO /2025/05/06288 (7920077644) date 07/05/2025		
Sampling Done By	GLPL	Page No.	1 of 1
Month of Sampling	MAY - 2025		

SAMPLING DETAILS - AMBIENT AIR MONITORING :

Sampling Location	Location 1 - Near Amona Gate.
Duration of Sampling [Hrs]	24
Average Ambient Temperature [°C]	34.4
Average Relative Humidity [%]	65

ANALYSIS REPORT :

Sr. No.	Report No.	Date of Sampling	Parameters											
			PM ₁₀	PM _{2.5}	SO ₂	NO _x	NH ₃	CO***	Pb	C ₆ H ₆	As	Ni	O ₃ ***	B(a)P
1	GA/VEN/25/05001	01/05/2025	62.05	31.65	10.25	14.11	<20.0	0.30	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
2	GA/VEN/25/05017	05/05/2025	53.54	28.76	10.35	12.02	<20.0	0.28	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
3	GA/VEN/25/05031	08/05/2025	51.28	26.87	9.85	10.48	<20.0	0.29	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
4	GA/VEN/25/05047	12/05/2025	54.08	24.26	9.95	11.74	<20.0	0.29	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
5	GA/VEN/25/05061	15/05/2025	61.52	28.73	10.25	13.97	<20.0	0.32	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
6	GA/VEN/25/05077	19/05/2025	50.33	23.57	9.75	10.06	<20.0	0.28	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
7	GA/VEN/25/05091	22/05/2025	47.22	24.16	8.94	9.50	<20.0	0.25	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
8	GA/VEN/25/05107	26/05/2025	44.16	21.07	8.84	9.22	<20.0	0.26	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
9	GA/VEN/25/05132	29/05/2025	51.24	25.16	8.94	9.64	<20.0	0.28	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
NAAQS Limits*			100	60	80	80	400	4	1	5	6	20	100	1
Units			µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	µg/m ³	ng/m ³

*N.A.A.Q.S. - National Ambient Air Quality Standards.

** Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

*** Hourly Value

End

For GADARKLAB PVT. LTD.

AUTHORISED SIGNATORY
[JAGANNATH S. PARAB]

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7. Test methods of analyzed parameters are back side of analysis report.

CHECKED BY

Test methods of analyzed parameters

Parameters	Methods
PM ₁₀	NAAQMS/36/2012-2013 Volume 1
PM _{2.5}	NAAQMS/36/2012-2013 Volume 1
SO ₂	IS 5182 (Part II) 2012
NO ₂	IS 5182 (Part VI) 2012
CO	IS 5182 (Part X) 1999
Lead (Pb)	NAAQMS/36/2012-2013 Volume 1
Ozone (O ₃)	APHA Method 411 3 rd Edition
Ammonia (NH ₃)	APHA Method 401 3 rd Edition
Benzene (C ₆ H ₆)	IS 5182 (Part 11) 2006
Benzo Pyrene (B(a)P)	IS 5182 (Part 12):2004
Arsenic (As)	NAAQMS/36/2012-2013 Volume 1
Nickel (Ni)	NAAQMS/36/2012-2013 Volume 1

CALIBRATION DETAILS OF EQUIPMENT USED FOR SAMPLING

Sr. No.	Instrument Type	Calibrated On	Calibration Due Date
1	Respirable Dust Sample - Sr. No. 2842-DTB-2020	02/02/2025	01/02/2026
2	Fine Particulate Sampler - Sr. No. 919-DTB-2020	31/01/2025	30/01/2026
3	Digital Electronic Balance – Sr. No. GL/IN/Bal-02	29/06/2024	28/06/2025
4	Gas Chromatograph – Model Thermo-Fisher, Trace 1110	10/05/2025	09/05/2026
5	UV Spectrophotometer Model – UV - 3092, ID No. GL/EQ/UV2	03/05/2025	02/08/2025
6	ICP – OES , Thermo-fisher	Inhouse Calibration	

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INDUSTRIAL ANALYSTS & CONSULTANTS

Test methods of analyzed parameters

Parameters	Methods
PM ₁₀	NAAQMS/36/2012-2013 Volume 1
PM _{2.5}	NAAQMS/36/2012-2013 Volume 1
SO ₂	IS 5182 (Part II) 2012
NO ₂	IS 5182 (Part VI) 2012
CO	IS 5182 (Part X) 1999
Lead (Pb)	NAAQMS/36/2012-2013 Volume 1
Ozone (O ₃)	APHA Method 411 3 rd Edition
Ammonia (NH ₃)	APHA Method 401 3 rd Edition
Benzene (C ₆ H ₆)	IS 5182 (Part 11) 2006
Benzo Pyrene (B(a)P)	IS 5182 (Part 12):2004
Arsenic (As)	NAAQMS/36/2012-2013 Volume 1
Nickel (Ni)	NAAQMS/36/2012-2013 Volume 1

CALIBRATION DETAILS OF EQUIPMENT USED FOR SAMPLING

Sr. No.	Instrument Type	Calibrated On	Calibration Due Date
1	Respirable Dust Sample - Sr. No. 192-B-22	14/05/2025	13/05/2026
2	Fine Particulate Sampler - Sr. No. 1363-J-23	18/09/2024	17/09/2025
3	Digital Electronic Balance – Sr. No. GL/IN/Bal-02	29/06/2024	28/06/2025
4	Gas Chromatograph – Model Thermo-Fisher, Trace 1110	10/05/2025	09/05/2026
5	UV Spectrophotometer Model – UV - 3092, ID No. GL/EQ/UV2	03/05/2025	02/08/2025
6	ICP – OES , Thermo-fisher	Inhouse Calibration	



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TEST REPORT

Doc.No : GLPL/QF/7.8/03

Test Report No.	GA/VEN/25/05003, 05019, 05033, 05049, 05063, 05079, 05093, 05109 & 05134.	Test Report Date	03/06/2023
Customer Name and Address	M/s. VEDANTA LIMITED. VALUE ADDITION BUSINESS, AMONA AND NAVELIM, BICHOLIMM – GOA.		
Letter Ref / Date .	As per dated PO /2025/05/06288 (7920077644) date 07/05/2025		
Sampling Done By	GLPL	Page No.	1 of 1
Month of Sampling	MAY – 2025		

SAMPLING DETAILS - AMBIENT AIR MONITORING :

Sampling Location	Location 3 – Near Dispatch Gate.
Duration of Sampling [Hrs]	24
Average Ambient Temperature [°C]	34.4
Average Relative Humidity [%]	65

ANALYSIS REPORT :

Sr. No.	Report No.	Date of Sampling	Parameters											
			PM ₁₀	PM _{2.5}	SO ₂	NO _x	NH ₃	CO***	Pb	C ₆ H ₆	As	Ni	O ₃ ***	B(a)P
1	GA/VEN/25/05003	01/05/2025	59.68	30.24	10.05	13.55	<20.0	0.32	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
2	GA/VEN/25/05019	05/05/2025	54.19	27.15	9.85	11.74	<20.0	0.29	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
3	GA/VEN/25/05033	08/05/2025	57.26	28.42	10.15	11.88	<20.0	0.30	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
4	GA/VEN/25/05049	12/05/2025	61.36	30.17	10.85	13.97	<20.0	0.28	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
5	GA/VEN/25/05063	15/05/2025	52.17	25.95	11.06	14.53	<20.0	0.28	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
6	GA/VEN/25/05079	19/05/2025	48.94	24.43	9.25	10.48	<20.0	0.29	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
7	GA/VEN/25/05093	22/05/2025	46.73	23.25	8.95	10.34	<20.0	0.26	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
8	GA/VEN/25/05109	26/05/2025	48.05	24.16	9.15	10.06	<20.0	0.28	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
9	GA/VEN/25/05134	29/05/2025	52.17	25.57	10.25	10.48	<20.0	0.29	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
NAAQS Limits*			100	60	80	80	400	4	1	5	6	20	100	1
Units			µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	µg/m ³	ng/m ³

*N.A.A.Q.S. – National Ambient Air Quality Standards.

** Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

*** Hourly Value

End

For GADARKLAB PVT. LTD.

AUTHORISED SIGNATORY
[JAGANNATH S. PARAB]

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7. Test methods of analyzed parameters are back side of analysis report.

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Test methods of analyzed parameters

Parameters	Methods
PM ₁₀	NAAQMS/36/2012-2013 Volume 1
PM _{2.5}	NAAQMS/36/2012-2013 Volume 1
SO ₂	IS 5182 (Part II) 2012
NO ₂	IS 5182 (Part VI) 2012
CO	IS 5182 (Part X) 1999
Lead (Pb)	NAAQMS/36/2012-2013 Volume 1
Ozone (O ₃)	APHA Method 411 3 rd Edition
Ammonia (NH ₃)	APHA Method 401 3 rd Edition
Benzene (C ₆ H ₆)	IS 5182 (Part 11) 2006
Benzo Pyrene (B(a)P)	IS 5182 (Part 12):2004
Arsenic (As)	NAAQMS/36/2012-2013 Volume 1
Nickel (Ni)	NAAQMS/36/2012-2013 Volume 1

CALIBRATION DETAILS OF EQUIPMENT USED FOR SAMPLING

Sr. No.	Instrument Type	Calibrated On	Calibration Due Date
1	Respirable Dust Sample - Sr. No. 2812-DTB-2020	01/02/2025	31/01/2026
2	Fine Particulate Sampler - Sr. No. 1256-L-22	04/01/2025	03/01/2026
3	Digital Electronic Balance – Sr. No. GL/IN/Bal-02	29/06/2024	28/06/2025
4	Gas Chromatograph – Model Thermo-Fisher, Trace 1110	10/05/2025	09/05/2026
5	UV Spectrophotometer Model – UV - 3092, ID No. GL/EQ/UV2	03/05/2025	02/08/2025
6	ICP – OES , Thermo-fisher	Inhouse Calibration	



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TEST REPORT

Doc.No : GLPL/QF/7.8/03

Test Report No.	GA/VEN/25/05004, 05020, 05034, 05050, 05064, 05080, 05094, 05110 & 05135.	Test Report Date	03/06/2023
Customer Name and Address	M/s. VEDANTA LIMITED. VALUE ADDITION BUSINESS, AMONA AND NAVELIM, BICHOLIMM - GOA.		
Letter Ref / Date .	As per dated PO /2025/05/06288 (7920077644) date 07/05/2025		
Sampling Done By	GLPL	Page No.	1 of 1
Month of Sampling	MAY - 2025		

SAMPLING DETAILS - AMBIENT AIR MONITORING :

Sampling Location	Location 4 -Compound Wall Towards Navelim.
Duration of Sampling [Hrs]	24
Average Ambient Temperature [°C]	34.4
Average Relative Humidity [%]	65

ANALYSIS REPORT :

Sr. No.	Report No.	Date of Sampling	Parameters											
			PM ₁₀	PM _{2.5}	SO ₂	NO _x	NH ₃	CO***	Pb	C ₆ H ₆	As	Ni	O ₃ ***	B(a)P
1	GA/VEN/25/05004	01/05/2025	61.26	30.89	10.05	12.16	<20.0	0.31	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
2	GA/VEN/25/05020	05/05/2025	57.33	28.24	9.95	11.88	<20.0	0.28	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
3	GA/VEN/25/05034	08/05/2025	59.22	29.33	10.25	12.02	<20.0	0.29	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
4	GA/VEN/25/05050	12/05/2025	63.09	31.74	11.06	13.81	<20.0	0.29	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
5	GA/VEN/25/05064	15/05/2025	54.18	27.31	10.85	13.00	<20.0	0.28	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
6	GA/VEN/25/05080	19/05/2025	47.71	23.89	9.35	11.32	<20.0	0.29	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
7	GA/VEN/25/05094	22/05/2025	45.68	23.54	9.05	10.76	<20.0	0.27	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
8	GA/VEN/25/05110	26/05/2025	49.01	24.65	9.15	11.88	<20.0	0.28	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
9	GA/VEN/25/05135	29/05/2025	51.93	25.78	10.15	12.30	<20.0	0.28	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
NAAQS Limits*			100	60	80	80	400	4	1	5	6	20	100	1
Units			µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	µg/m ³	ng/m ³

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** Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

*** Hourly Value

End

For GADARKLAB PVT. LTD.

AUTHORISED SIGNATORY
[JAGANNATH S. PARAB]

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7. Test methods of analyzed parameters are back side of analysis report.

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Test methods of analyzed parameters

Parameters	Methods
PM ₁₀	NAAQMS/36/2012-2013 Volume 1
PM _{2.5}	NAAQMS/36/2012-2013 Volume 1
SO ₂	IS 5182 (Part II) 2012
NO ₂	IS 5182 (Part VI) 2012
CO	IS 5182 (Part X) 1999
Lead (Pb)	NAAQMS/36/2012-2013 Volume 1
Ozone (O ₃)	APHA Method 411 3 rd Edition
Ammonia (NH ₃)	APHA Method 401 3 rd Edition
Benzene (C ₆ H ₆)	IS 5182 (Part 11) 2006
Benzo Pyrene (B(a)P)	IS 5182 (Part 12):2004
Arsenic (As)	NAAQMS/36/2012-2013 Volume 1
Nickel (Ni)	NAAQMS/36/2012-2013 Volume 1

CALIBRATION DETAILS OF EQUIPMENT USED FOR SAMPLING

Sr. No.	Instrument Type	Calibrated On	Calibration Due Date
1	Respirable Dust Sample - Sr. No. 2834-DTB-2020	02/02/2025	01/02/2026
2	Fine Particulate Sampler - Sr. No. 335-DTA-2015	31/01/2025	30/01/2026
3	Digital Electronic Balance – Sr. No. GL/IN/Bal-02	29/06/2024	28/06/2025
4	Gas Chromatograph – Model Thermo-Fisher, Trace 1110	10/05/2025	09/05/2026
5	UV Spectrophotometer Model – UV - 3092, ID No. GL/EQ/UV2	03/05/2025	02/08/2025
6	ICP – OES , Thermo-fisher	Inhouse Calibration	



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TEST REPORT

Doc.No : GLPL/QF/7.8/03

Test Report No.	GA/VEN/25/05005, 05021, 05035, 05051, 05065, 05081, 05095, 05111 & 05136.	Test Report Date	03/06/2023
Customer Name and Address	M/s. VEDANTA LIMITED. VALUE ADDITION BUSINESS, AMONA AND NAVELIM, BICHOLIMM – GOA.		
Letter Ref / Date .	As per dated PO /2025/05/06288 (7920077644) date 07/05/2025		
Sampling Done By	GLPL	Page No.	1 of 1
Month of Sampling	MAY – 2025		

SAMPLING DETAILS - AMBIENT AIR MONITORING :

Sampling Location	Location 5 – Satteri Temple
Duration of Sampling [Hrs]	24
Average Ambient Temperature [°C]	34.4
Average Relative Humidity [%]	65

ANALYSIS REPORT :

Sr. No.	Report No.	Date of Sampling	Parameters											
			PM ₁₀	PM _{2.5}	SO ₂	NO _x	NH ₃	CO***	Pb	C ₆ H ₆	As	Ni	O ₃ ***	B(a)P
1	GA/VEN/25/05005	01/05/2025	62.58	31.24	10.25	13.27	<20.0	0.30	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
2	GA/VEN/25/05021	05/05/2025	56.77	28.01	10.15	11.88	<20.0	0.29	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
3	GA/VEN/25/05035	08/05/2025	64.55	32.28	11.06	12.30	<20.0	0.28	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
4	GA/VEN/25/05051	12/05/2025	61.98	30.87	10.75	13.14	<20.0	0.29	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
5	GA/VEN/25/05065	15/05/2025	58.67	28.83	10.55	12.16	<20.0	0.29	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
6	GA/VEN/25/05081	19/05/2025	44.08	22.16	9.45	10.48	<20.0	0.28	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
7	GA/VEN/25/05095	22/05/2025	43.61	22.07	9.15	10.76	<20.0	0.27	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
8	GA/VEN/25/05111	26/05/2025	47.24	23.72	9.35	10.34	<20.0	0.26	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
9	GA/VEN/25/05136	29/05/2025	52.07	25.92	10.45	11.60	<20.0	0.27	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
NAAQS Limits*			100	60	80	80	400	4	1	5	6	20	100	1
Units			µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	µg/m ³	ng/m ³

*N.A.A.Q.S. – National Ambient Air Quality Standards.

** Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

*** Hourly Value

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7. Test methods of analyzed parameters are back side of analysis report.

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Test methods of analyzed parameters

Parameters	Methods
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PM _{2.5}	NAAQMS/36/2012-2013 Volume 1
SO ₂	IS 5182 (Part II) 2012
NO ₂	IS 5182 (Part VI) 2012
CO	IS 5182 (Part X) 1999
Lead (Pb)	NAAQMS/36/2012-2013 Volume 1
Ozone (O ₃)	APHA Method 411 3 rd Edition
Ammonia (NH ₃)	APHA Method 401 3 rd Edition
Benzene (C ₆ H ₆)	IS 5182 (Part 11) 2006
Benzo Pyrene (B(a)P)	IS 5182 (Part 12):2004
Arsenic (As)	NAAQMS/36/2012-2013 Volume 1
Nickel (Ni)	NAAQMS/36/2012-2013 Volume 1

CALIBRATION DETAILS OF EQUIPMENT USED FOR SAMPLING

Sr. No.	Instrument Type	Calibrated On	Calibration Due Date
1	Respirable Dust Sample - Sr. No. 2832-DTB-2020	02/02/2025	01/02/2026
2	Fine Particulate Sampler - Sr. No. 1327-F-23	18/09/2024	17/09/2025
3	Digital Electronic Balance – Sr. No. GL/IN/Bal-02	29/06/2024	28/06/2025
4	Gas Chromatograph – Model Thermo-Fisher, Trace 1110	10/05/2025	09/05/2026
5	UV Spectrophotometer Model – UV - 3092, ID No. GL/EQ/UV2	03/05/2025	02/08/2025
6	ICP – OES , Thermo-fisher	Inhouse Calibration	



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

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TEST REPORT

Doc.No : GLPL/QF/7.8/03

Test Report No.	GA/VEN/25/05006, 05022, 05036, 05052, 05066, 05082, 05096, 05112 & 05137.	Test Report Date	03/06/2023
Customer Name and Address	M/s. VEDANTA LIMITED. VALUE ADDITION BUSINESS, AMONA AND NAVELIM, BICHOLIMM – GOA.		
Letter Ref / Date .	As per dated PO /2025/05/06288 (7920077644) date 07/05/2025		
Sampling Done By	GLPL	Page No.	1 of 1
Month of Sampling	MAY – 2025		

SAMPLING DETAILS - AMBIENT AIR MONITORING :

Sampling Location .	Location 6 –Compound Wall Towards Maina.
Duration of Sampling [Hrs]	24
Average Ambient Temperature [°C]	34.4
Average Relative Humidity [%]	65

ANALYSIS REPORT :

Sr. No.	Report No.	Date of Sampling	Parameters											
			PM ₁₀	PM _{2.5}	SO ₂	NO _x	NH ₃	CO***	Pb	C ₆ H ₆	As	Ni	O ₃ ***	B(a)P
1	GA/VEN/25/05006	01/05/2025	64.85	32.14	11.16	14.81	<20.0	0.32	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
2	GA/VEN/25/05022	05/05/2025	58.31	28.63	10.25	12.16	<20.0	0.30	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
3	GA/VEN/25/05036	08/05/2025	62.34	31.00	10.85	13.27	<20.0	0.29	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
4	GA/VEN/25/05052	12/05/2025	57.97	28.78	10.65	13.00	<20.0	0.31	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
5	GA/VEN/25/05066	15/05/2025	60.22	29.96	10.75	13.27	<20.0	0.28	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
6	GA/VEN/25/05082	19/05/2025	47.35	24.48	9.65	9.92	<20.0	0.28	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
7	GA/VEN/25/05096	22/05/2025	45.27	22.64	9.25	9.78	<20.0	0.29	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
8	GA/VEN/25/05112	26/05/2025	48.44	24.08	9.35	10.06	<20.0	0.26	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
9	GA/VEN/25/05137	29/05/2025	53.67	26.12	10.35	11.46	<20.0	0.28	<0.1	<1.0	<5.0	<5.0	<20.0	<0.2
NAAQS Limits*			100	60	80	80	400	4	1	5	6	20	100	1
Units			µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	µg/m ³	ng/m ³

*N.A.A.Q.S. – National Ambient Air Quality Standards.

** Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

*** Hourly Value

End

For GADARKLAB PVT. LTD.

AUTHORISED SIGNATORY
[JAGANNATH S. PARAB]

Note :

1. The results relate only to the samples tested
2. Test certificate shall not be reproduced except in full, without written approval of the laboratory.
3. Samples will be preserved for a period 15 days from the delivery of Test Certificate.
4. Test Results relate only to the conditions prevailing at the time of sampling
5. Customer complaint register is available at laboratory.
6. Calibration details of the equipments used in monitoring and / or analysis is back side of analysis report.
7. Test methods of analyzed parameters are back side of analysis report.

CHECKED BY

Test methods of analyzed parameters

Parameters	Methods
PM ₁₀	NAAQMS/36/2012-2013 Volume 1
PM _{2.5}	NAAQMS/36/2012-2013 Volume 1
SO ₂	IS 5182 (Part II) 2012
NO ₂	IS 5182 (Part VI) 2012
CO	IS 5182 (Part X) 1999
Lead (Pb)	NAAQMS/36/2012-2013 Volume 1
Ozone (O ₃)	APHA Method 411 3 rd Edition
Ammonia (NH ₃)	APHA Method 401 3 rd Edition
Benzene (C ₆ H ₆)	IS 5182 (Part 11) 2006
Benzo Pyrene (B(a)P)	IS 5182 (Part 12):2004
Arsenic (As)	NAAQMS/36/2012-2013 Volume 1
Nickel (Ni)	NAAQMS/36/2012-2013 Volume 1

CALIBRATION DETAILS OF EQUIPMENT USED FOR SAMPLING

Sr. No.	Instrument Type	Calibrated On	Calibration Due Date
1	Respirable Dust Sample - Sr. No. 2839-DTB-2020	02/02/2025	01/02/2026
2	Fine Particulate Sampler - Sr. No. 1365-J-23	18/12/2024	17/12/2025
3	Digital Electronic Balance – Sr. No. GL/IN/Bal-02	29/06/2024	28/06/2025
4	Gas Chromatograph – Model Thermo-Fisher, Trace 1110	10/05/2025	09/05/2026
5	UV Spectrophotometer Model – UV - 3092, ID No. GL/EQ/UV2	03/05/2025	02/08/2025
6	ICP – OES , Thermo-fisher	Inhouse Calibration	