



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 • email : info@gadark.in / gadarklab@vsnl.com

OFF. : 15, Hindustan Kohinoor Industrial Complex, L.B.S.Marg, Vikhroli (West), Mumbai - 83.

Tel No. : 022-25777069/70 • Fax - 022-2577 4545

TEST CERTIFICATE

Doc.No : GLPL/QF/5.10/01

Test Certificate No.	GPA/K/15/8/0130	T. C. Date	17:08:2015
Customer Name and Address	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K-1, MIDC INDUSTRIAL AREA, TALOJA, A.V. 410 208, DIST. - RAIGAD.		
Letter Ref / Date .	---		
Sampling Done By	GLPL	Page No.	1 of 1
Sample Received on	12/08/2015	Analysis Period	13/08/2015 To 17/08/2015

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Ambient Station No. 1	Ambient Station No. 2
Date of Sampling	11:08:2015	11:08:2015
Time of Sampling [Hrs]	11:30	11:40
Ambient Temperature [°C]	29	29
Duration of Sampling [Hrs]	24	24

ANALYSIS REPORT :-

Parameters	Unit	Ambient Station No. 1	Ambient Station No. 2	*N.A.A.Q.S.	Methods
PM ₁₀	µg/m ³	56.2	59.0	100.0	NAAQMS/36/3012-2013 Volume 1
PM _{2.5}	µg/m ³	28.7	25.8	60.0	NAAQMS/36/3012-2013 Volume 1
SO ₂	µg/m ³	29.6	31.2	80.0	IS 5182 (Part II) 2012
NO ₂	µg/m ³	36.4	39.0	80.0	IS 5182 (Part VI) 2012
CO	mg/m ³	1.24	1.34	2.0 for 8 Hrs.	IS 5182 (Part X) 2009
Ammonia	µg/m ³	22.0	25.5	400.0	APHA Method 401 3 rd Edition

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

End

For GADARK LAB PVT. LTD.


[B. S. RANE]
DIRECTOR


CHECKED BY

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

Renewal of Recognition of our Laboratory by Ministry of Environment & Forest, Government of India,

New Delhi under the Environment Protection Act, 1986 , is in progress.

ISO 9001:2008 Certified & BS OHSAS 18001:2007 Certified



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TEST CERTIFICATE

Doc.No : GLPL/QF/5.10/01

Test Certificate No.	GPA/K/15/8/0131 Contd,	T. C. Date	17:08:2015
Customer Name and Address	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K-1, MIDC INDUSTRIAL AREA, TALOJA, A.V. 410 208, DIST. - RAIGAD.		
Letter Ref / Date .	---		
Sampling Done By	GLPL	Page No.	1 of 1
Sample Received on	12/08/2015	Analysis Period	13/08/2015 To 17/08/2015

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Ambient Station No. 3
Date of Sampling	11:08:2015
Time of Sampling [Hrs]	11:50
Ambient Temperature [°C]	29
Duration of Sampling [Hrs]	24

ANALYSIS REPORT :-

Parameters	Unit	Ambient Station No. 2	*N.A.A.Q.S.	Methods
Lead	$\mu\text{g}/\text{m}^3$	< 0.01	0.5	NAAQMS/36/3012-2013 Volume 1
Ozone	$\mu\text{g}/\text{m}^3$	< 20.0	100.0 for 8 Hrs.	APHA Method 411 3 rd Edition
Benzene	$\mu\text{g}/\text{m}^3$	< 0.14	5.0	IS 5182 (Part 11)
Benzo Pyrene	ng/m^3	< 1.0	1.0	IS 5182 (Part 12):2009
Arsenic	ng/m^3	< 0.7	6.0	NAAQMS/36/3012-2013 Volume 1
Nickel	ng/m^3	< 6.0	20.0	NAAQMS/36/3012-2013 Volume 1

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

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(GPB/0891/15) (17-8-15)
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Letter Ref / Date .	---		
Sampling Done By	GLPL	Page No.	1 of 1
Sample Received on	12/08/2015	Analysis Period	13/08/2015 To 17/08/2015

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Ambient Station No. 3
Date of Sampling	11:08:2015
Time of Sampling [Hrs]	11:50
Ambient Temperature [°C]	29
Duration of Sampling [Hrs]	24

ANALYSIS REPORT :-

Parameters	Unit	Ambient Station No. 3	*N.A.A.Q.S.	Methods
PM ₁₀	µg/m ³	57.3	100.0	NAAQMS/36/3012-2013 Volume 1
PM _{2.5}	µg/m ³	28.7	60.0	NAAQMS/36/3012-2013 Volume 1
SO ₂	µg/m ³	31.6	80.0	IS 5182 (Part II) 2012
NO ₂	µg/m ³	38.0	80.0	IS 5182 (Part VI) 2012
CO	mg/m ³	1.29	2.0 for 8 Hrs.	IS 5182 (Part X) 2009
Ammonia	µg/m ³	20.8	400.0	APHA Method 401 3 rd Edition

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

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(Recognised By Ministry of Environment and Forests, New Delhi Under EPA 1986)
(No. Q - 1508 / 32 / 2007 - CPW)

(ISO 9001-2008, 14001:2004, OHSAS 18001:2007 & NABL / ISO / IEC 17025:2005 Certified Organisation)

Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/November-00/0746

Date: 10/12/2015

ANALYSIS REPORT (For the Month of November - 2015)

Client Details		Sample Details	
Name	M/s. Deepak Fertilizers & Petrochemicals Corporation Ltd.	Sample Code	GCI/V/15/L8/AA5
Address	Plot K1, MIDC Industrial Area, P.O Taloja, A.V, 410208 Dist. Raigad, Maharashtra, India	Location	AAQMS-01 Gate No.2
Sampling Done By	Mr. Satyawan	Date of Sampling	23/11/2015
Analysis Starts on	07/12/2015	Sampling Duration	24 hrs
Analysis Completion On	10/12/2015	Sampling Instrument	Respirable Dust Sampler, Fine Particulate Sampler & Bladder
		Sampling Method	IS 5182 : Part 5 : 1975
		Sample Received Date	07/12/2015

AMBIENT AIR QUALITY MONITORING RESULTS

Sr. No.	Parameters	Unit	Results	MPCB Standards	Reference Method
			AAQMS-01 Gate No.2		
1.	Particulate Matter (PM ₁₀)	µg/m ³	68.5	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	27.4	60	NAAQS Guidelines
3.	Sulfur Dioxide (SO ₂)	µg/m ³	5.3	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	10.7	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH ₃)	µg/m ³	41.1	400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm ³	0.290	2.0	IS 5182 : Part 10 : 1999
7.	Ozone as O ₃	µg/m ³	<20	100	NAAQS Guidelines
8.	Lead as Pb	µg/m ³	<0.1	1.0	NAAQS Guidelines
9.	Nickel as Ni	ng/m ³	<1.0	20	NAAQS Guidelines
10.	Arsenic as As	ng/m ³	<1.0	6.0	NAAQS Guidelines
11.	Benzene, C ₆ H ₆	µg/m ³	<1.0	5.0	IS 5182 (Part 11):2006
12.	Benzo (a) Pyrene	ng/m ³	<0.1	1.0	Gas Chromatography

Observation: Results are within limit as per Maharashtra Pollution control Board.

Authorized Signatory

- Analysis is subject to the condition in which the sample is received at our Laboratory.
- Reports cannot be used as evidence anywhere including Judiciary purpose without our prior permission.
- Sample will be retained till one month from the date of sampling.

CORP. OFFICE & R & D : Green Empire (Anupushpam), Above AXIS Bank, Nr. Yash Complex, Gotri Main Road, Vadodara - 390 021 (Gujarat), INDIA.
Tel. : +91 - 265 - 2371269 Cell : +91 93285 83835 E-mail : info@greencircleinc.com Website : www.greencircleinc.com

: ALSO AT :

NEWDELHI GOA PUNE BENGALURU U.K. HYDERABAD KOLKATA DHARWAD MUMBAI PORT BLAIR

: OVERSEAS :

AUSTRALIA OMAN KUWAIT AFRICA VIETNAM BANGLADESH MYANMAR SRILANKA UAE



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GCI/M/15-16/169 (21-12-15)

Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/November-00/0746

Date: 10/12/2015

ANALYSIS REPORT (For the Month of November - 2015)

Client Details		Sample Details	
Name	M/s. Deepak Fertilizers & Petrochemicals Corporation Ltd.	Sample Code	GCI/V/15/L8/AA6
Address	Plot K1, MIDC Industrial Area, P.O Talaja, A.V, 410208 Dist. Raigad, Maharashtra, India	Location	AAQMS-02 WNA-4
		Date of Sampling	23/11/2015
		Sampling Duration	24 hrs
Sampling Done By	Mr. Satyawan	Sampling Instrument	Respirable Dust Sampler, Fine Particulate Sampler & Bladder
Analysis Starts on	07/12/2015	Sampling Method	IS 5182 : Part 5 : 1975
Analysis Completion On	10/12/2015	Sample Received Date	07/12/2015

AMBIENT AIR QUALITY MONITORING RESULTS

Sr. No.	Parameters	Unit	Results	MPCB Standards	Reference Method
			AAQMS-02 WNS-4		
1.	Particulate Matter (PM ₁₀)	µg/m ³	69.3	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	27.7	60	NAAQS Guidelines
3.	Sulfur Dioxide (SO ₂)	µg/m ³	6.8	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	10.9	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH ₃)	µg/m ³	38.6	400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm ³	0.284	2.0	IS 5182 : Part 10 : 1999

Observation: Results are within limit as per Maharashtra Pollution control Board.

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GCI/M/15-16/169 (21-12-15)

Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/November-00/0746

Date: 10/12/2015

ANALYSIS REPORT (For the Month of November - 2015)

Client Details		Sample Details	
Name	M/s. Deepak Fertilizers & Petrochemicals Corporation Ltd.	Sample Code	GCI/V/15/L8/AA7
		Location	AAQMS-03 ANP-Gate
Address	Plot K1, MIDC Industrial Area, P.O Taloja, A.V, 410208 Dist. Raigad, Maharashtra, India	Date of Sampling	24/11/2015
		Sampling Duration	24 hrs
		Sampling Instrument	Respirable Dust Sampler, Fine Particulate Sampler & Bladder
Sampling Done By	Mr. Satyawan	Analysis Starts on	07/12/2015
Analysis Starts on	07/12/2015	Sampling Method	IS 5182 : Part 5 : 1975
Analysis Completion On	10/12/2015	Sample Received Date	07/12/2015

AMBIENT AIR QUALITY MONITORING RESULTS

Sr. No.	Parameters	Unit	Results	MPCB Standards	Reference Method
			AAQMS-03 AMP-Gate		
1.	Particulate Matter (PM ₁₀)	µg/m ³	66.8	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	26.7	60	NAAQS Guidelines
3.	Sulfur Dioxide (SO ₂)	µg/m ³	7.6	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	12.2	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH ₃)	µg/m ³	38.9	400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm ³	0.285	2.0	IS 5182 : Part 10 : 1999

Observation: Results are within limit as per Maharashtra Pollution control Board.

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