



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.

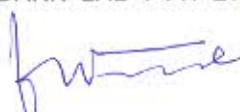
Tel No. : 022-25777069/70 • Fax - 022-2577 4545

TEST CERTIFICATE

Report No.	GPW/DW/0696/14	Report Date	17/06/2014
Organisation	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K - 1, MIDC INDUSTRIAL AREA, TALOJA, A. V. 410 208, DIST. - RAIGAD.		
Lab Reference No.	1406-1111		
Your Letter Dated	---		
Sample Collected By	Gadark Lab Pvt. Ltd.	Date of Sample Collection	11/06/2014
Sample Analysed By	Omkar Dhond	Sample Analysed On	12/06/2014
Sample Description	Ground Water Sample Near Ammonia Tank		
Standard Specifications	IS 10500 / 2012		

Parameters	Units	Test Result	Standard Specifications		Methods
			Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source	
ESSENTIAL CHARACTERISTICS :					
Colour (Pt. Scale)	Colour Unit	< 0.1	5.0 Max.	15.0 Max.	APHA 2120 B
Odour	---	Odourless	Agreeable	Agreeable	IS 3025 Part V 1983
Taste	---	Agreeable	Agreeable	Agreeable	APHA 2160 A
Turbidity	NTU	1.9	1.0 Max.	5.0 Max.	APHA 2130 B
pH	---	6.24	6.5 - 8.5	No Relaxation	APHA 4500 H ⁺
Total Hardness as CaCO ₃	mg/ltr	340	00.0 Max.	600.0 Max.	APHA 2340 C
Iron	mg/ltr	0.16	0.3 Max.	No Relaxation	APHA 3500 Fe B
Chlorides	mg/ltr	64.54	250.0 Max.	1000.0 Max.	APHA 4500 Cl ⁻ B
Residual Free Chlorine	mg/ltr	Nil	0.2 Min.	1.0 Max.	APHA 4500 Cl B
DESIRABLE CHARACTERISTICS :					
Total Dissolved Solids	mg/ltr	392	500.0 Max.	2000.0 Max.	APHA 2540 C
Calcium	mg/ltr	64.13	75.0 Max	200.0 Max	APHA 3500 Ca B
Copper	mg/ltr	< 0.001	0.05 Max.	1.5 Max.	APHA 3111 B & C
Manganese	mg/ltr	< 0.001	0.10 Max.	0.30 Max.	APHA 3111 B
Sulphate	mg/ltr	8.2	200.0 Max.	400.0 Max.	APHA 4500 SO ₄ ²⁻
Nitrate	mg/ltr	0.018	45.0 Max.	No Relaxation	APHA 4500 NO ₃ B
Fluoride	mg/ltr	< 0.001	1.0 Max.	1.5 Max.	APHA 4500 F ⁻
Phenolic Compounds	mg/ltr	< 0.001	0.001 Max.	0.002 Max.	IS 3025
Mercury	mg/ltr	< 0.001	0.001 Max.	No Relaxation	APHA 3112 B & C
Cadmium	mg/ltr	< 0.001	0.003 Max.	No Relaxation	APHA 3500 Cd
Selenium	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3114 B
Arsenic	mg/ltr	< 0.001	0.01 Max.	0.05 Max	APHA 3114 B
Cyanide	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 4500 E
Lead	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3111 B & C
Zinc	mg/ltr	0.019	5.0 Max.	15.0 Max.	APHA 3111 B
Anionic Detergents [as MBAS]	mg/ltr	< 0.001	0.2 Max.	1.0 Max	APHA 5540
Chromium [Cr ⁶⁺]	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3500 Cr B
Polynuclear Aromatic Hydrocarbon	mg/ltr	< 0.001	---	---	APHA 6431 B
Pesticides	mg/ltr	< 0.001	Absent	0.001 Max	APHA 6630 BC
Mineral Oil	mg/ltr	< 0.001	0.5 Max.	No Relaxation	APHA 5520 B
Alkalinity	mg/ltr	16.24	200.0 Max.	600.0 Max.	APHA 2320 B
Aluminium	mg/ltr	< 0.001	0.03 Max.	0.2 Max.	APHA 3111 B
Boron	mg/ltr	< 0.001	0.5 Max.	1.0 Max.	APHA 4500 B-B

For GADARK LAB PVT. LTD.


[B. S. RANE]
DIRECTOR


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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

Report No.	GPW/DW/0695/14	Report Date	17/06/2014
Organisation	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K - 1, MIDC INDUSTRIAL AREA, TALOJA, A. V. 410 208, DIST. - RAIGAD.		
Lab Reference No.	1406-1110		
Your Letter Dated	---		
Sample Collected By	Gadark Lab Pvt. Ltd.	Date of Sample Collection	11/06/2014
Sample Analysed By	Omkar Dhond	Sample Analysed On	12/06/2014
Sample Description	Ground Water Sample Near IPA Plant		
Standard Specifications	IS 10500 / 2012		

Parameters	Units	Test Result	Standard Specifications		Methods
			Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source	
ESSENTIAL CHARACTERISTICS :					
Colour (Pt. Scale)	Colour Unit	10	5.0 Max.	15.0 Max.	APHA 2120 B
Odour	---	Odourless	Agreeable	Agreeable	IS 3025 Part V 1983
Taste	---	Agreeable	Agreeable	Agreeable	APHA 2160 A
Turbidity	NTU	56.2	1.0 Max.	5.0 Max.	APHA 2130 B
pH	---	6.81	6.5 - 8.5	No Relaxation	APHA 4500 H*
Total Hardness as CaCO ₃	mg/ltr	350	00.0 Max.	600.0 Max.	APHA 2340 C
Iron	mg/ltr	0.18	0.3 Max.	No Relaxation	APHA 3500 Fe B
Chlorides	mg/ltr	100.39	250.0 Max.	1000.0 Max.	APHA 4500 Cl ⁻ B
Residual Free Chlorine	mg/ltr	Nil	0.2 Min.	1.0 Max.	APHA 4500 Cl B
DESIRABLE CHARACTERISTICS :					
Total Dissolved Solids	mg/ltr	462	500.0 Max.	2000.0 Max.	APHA 2540 C
Calcium	mg/ltr	64.13	75.0 Max.	200.0 Max.	APHA 3500 Ca B
Copper	mg/ltr	< 0.001	0.05 Max.	1.5 Max.	APHA 3111 B & C
Manganese	mg/ltr	< 0.001	0.10 Max.	0.30 Max.	APHA 3111 B
Sulphate	mg/ltr	16.8	200.0 Max.	400.0 Max.	APHA 4500 SO ₄ ²⁻
Nitrate	mg/ltr	0.0030	45.0 Max.	No Relaxation	APHA 4500 NO ₃ B
Fluoride	mg/ltr	4.67	1.0 Max.	1.5 Max.	APHA 4500 F ⁻
Phenolic Compounds	mg/ltr	< 0.001	0.001 Max.	0.002 Max.	IS 3025
Mercury	mg/ltr	< 0.001	0.001 Max.	No Relaxation	APHA 3112 B & C
Cadmium	mg/ltr	< 0.001	0.003 Max.	No Relaxation	APHA 3500 Cd
Selenium	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3114 B
Arsenic	mg/ltr	< 0.001	0.01 Max.	0.05 Max.	APHA 3114 B
Cyanide	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 4500 E
Lead	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3111 B & C
Zinc	mg/ltr	0.026	5.0 Max.	15.0 Max.	APHA 3111 B
Anionic Detergents [as MBAS]	mg/ltr	< 0.001	0.2 Max.	1.0 Max.	APHA 5540
Chromium [Cr ⁶⁺]	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3500 Cr B
Polynuclear Aromatic Hydrocarbon	mg/ltr	< 0.001	---	---	APHA 6431 B
Pesticides	mg/ltr	< 0.001	Absent	0.001 Max.	APHA 6630 BC
Mineral Oil	mg/ltr	< 0.001	0.5 Max.	No Relaxation	APHA 5520 B
Alkalinity	mg/ltr	318.71	200.0 Max.	600.0 Max.	APHA 2320 B
Aluminium	mg/ltr	< 0.001	0.03 Max.	0.2 Max.	APHA 3111 B
Boron	mg/ltr	< 0.001	0.5 Max.	1.0 Max.	APHA 4500 B-B

For GADARK LAB PVT. LTD.

[B. S. RANE]
DIRECTOR

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TEST CERTIFICATE

Report No.	GPW/DW/12316/13	Report Date	02/01/2014
Organisation	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K - 1, MIDC INDUSTRIAL AREA, TALOJA, A. V. 410 208, DIST. - RAIGAD.		
Lab Reference No.	1312-2663		
Your Letter Dated	---		
Sample Collected By	Gadark Lab Pvt. Ltd.	Date of Sample Collection	26/12/2013
Sample Analysed By	Sadashiv Natu	Sample Analysed On	28/12/2013
Sample Description	Ground Water Sample Near IPA Plant		
Standard Specifications	IS 10500 / 2012		

Parameters	Units	Test Result	Standard Specifications		Methods
			Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source	
ESSENTIAL CHARACTERISTICS :					
Colour (Pt. Scale)	Colour Unit	< 1.0	5.0 Max.	15.0 Max.	APHA 2120 B
Odour	---	Odourless	Agreeable	Agreeable	IS 3025 Part V 1983
Taste	---	Agreeable	Agreeable	Agreeable	APHA 2160 A
Turbidity	NTU	0.2	1.0 Max.	5.0 Max.	APHA 2130 B
pH	---	7.66	6.5 - 8.5	No Relaxation	APHA 4500 H ⁺
Total Hardness as CaCO ₃	mg/ltr	180	300.0 Max.	600.0 Max.	APHA 2340 C
Iron	mg/ltr	0.14	0.3 Max.	No Relaxation	APHA 3500 Fe B
Chlorides	mg/ltr	39.32	250.0 Max.	1000.0 Max.	APHA 4500 Cl ⁻ B
Residual Free Chlorine	mg/ltr	Nil	0.2 Min.	1.0 Max.	APHA 4500 Cl B
DESIRABLE CHARACTERISTICS :					
Total Dissolved Solids	mg/ltr	258	500.0 Max.	2000.0 Max.	APHA 2540 C
Calcium	mg/ltr	47.29	75.0 Max.	200.0 Max.	APHA 3500 Ca B
Copper	mg/ltr	< 0.001	0.05 Max.	1.5 Max.	APHA 3111 B & C
Manganese	mg/ltr	< 0.001	0.10 Max.	0.30 Max.	APHA 3111 B
Sulphate	mg/ltr	2.8	200.0 Max.	400.0 Max.	APHA 4500 SO ₄ ²⁻
Nitrate	mg/ltr	0.12	45.0 Max.	No Relaxation	APHA 4500 NO ₃ B
Fluoride	mg/ltr	< 0.001	1.0 Max.	1.5 Max.	APHA 4500 F ⁻
Phenolic Compounds	mg/ltr	< 0.001	0.001 Max.	0.002 Max.	IS 3025
Mercury	mg/ltr	< 0.001	0.001 Max.	No Relaxation	APHA 3112 B & C
Cadmium	mg/ltr	< 0.001	0.003 Max.	No Relaxation	APHA 3500 Cd
Selenium	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3114 B
Arsenic	mg/ltr	< 0.001	0.01 Max.	0.05 Max.	APHA 3114 B
Cyanide	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 4500 E
Lead	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3111 B & C
Zinc	mg/ltr	0.020	5.0 Max.	15.0 Max.	APHA 3111 B
Anionic Detergents [as MBAS]	mg/ltr	< 0.001	0.2 Max.	1.0 Max.	APHA 3111 B
Chromium [Cr ⁶⁺]	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3500 Cr B
Polynuclear Aromatic Hydrocarbons	mg/ltr	< 0.001	---	---	APHA 6431 B
Pesticides	mg/ltr	< 0.001	Absent	0.001 Max	APHA 6630 BC
Mineral Oil	mg/ltr	< 0.001	0.5 Max.	No Relaxation	APHA 5520 B
Alkalinity	mg/ltr	180.96	200.0 Max.	600.0 Max.	APHA 2320 B
Aluminium	mg/ltr	< 0.001	0.03 Max.	0.2 Max.	APHA 3111 B
Boron	mg/ltr	< 0.001	0.5 Max.	1.0 Max.	APHA 4500 B - B

For GADARK LAB PVT. LTD.

[B. S. RANE]
DIRECTOR

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TEST CERTIFICATE

Report No.	GPW/DW/12317/13	Report Date	02/01/2014
Organisation	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K - 1, MIDC INDUSTRIAL AREA, TALOJA, A. V. 410 208, DIST. - RAIGAD.		
Lab Reference No.	1312-2664		
Your Letter Dated	---		
Sample Collected By	Gadark Lab Pvt. Ltd.	Date of Sample Collection	26/12/2013
Sample Analysed By	Sadashiv Natu	Sample Analysed On	28/12/2013
Sample Description	Ground Water Sample Near Ammonia Tank Area		
Standard Specifications	IS 10500 / 2012		

Parameters	Units	Test Result	Standard Specifications		Methods
			Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source	
ESSENTIAL CHARACTERISTICS :					
Colour (Pt. Scale)	Colour Unit	< 1.0	5.0 Max.	15.0 Max.	APHA 2120 B
Odour	---	Odourless	Agreeable	Agreeable	IS 3025 Part V 1983
Taste	---	Agreeable	Agreeable	Agreeable	APHA 2160 A
Turbidity	NTU	0.3	1.0 Max.	5.0 Max.	APHA 2130 B
pH	---	6.45	6.5 - 8.5	No Relaxation	APHA 4500 H ⁺
Total Hardness as CaCO ₃	mg/ltr	506	300.0 Max.	600.0 Max.	APHA 2340 C
Iron	mg/ltr	0.17	0.3 Max.	No Relaxation	APHA 3500 Fe B
Chlorides	mg/ltr	33.27	250.0 Max.	1000.0 Max.	APHA 4500 Cl ⁻ B
Residual Free Chlorine	mg/ltr	Nil	0.2 Min.	1.0 Max.	APHA 4500 Cl B
DESIRABLE CHARACTERISTICS :					
Total Dissolved Solids	mg/ltr	472	500.0 Max.	2000.0 Max.	APHA 2540 C
Calcium	mg/ltr	96.99	75.0 Max.	200.0 Max.	APHA 3500 Ca B
Copper	mg/ltr	< 0.001	0.05 Max.	1.5 Max.	APHA 3111 B & C
Manganese	mg/ltr	< 0.001	0.10 Max.	0.30 Max.	APHA 3111 B
Sulphate	mg/ltr	2.4	200.0 Max.	400.0 Max.	APHA 4500 SO ₄ ²⁻
Nitrate	mg/ltr	1.21	45.0 Max.	No Relaxation	APHA 4500 NO ₃ B
Fluoride	mg/ltr	< 0.001	1.0 Max.	1.5 Max.	APHA 4500 F ⁻
Phenolic Compounds	mg/ltr	< 0.001	0.001 Max.	0.002 Max.	IS 3025
Mercury	mg/ltr	< 0.001	0.001 Max.	No Relaxation	APHA 3112 B & C
Cadmium	mg/ltr	< 0.001	0.003 Max.	No Relaxation	APHA 3500 Cd
Selenium	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3114 B
Arsenic	mg/ltr	< 0.001	0.01 Max.	0.05 Max.	APHA 3114 B
Cyanide	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 4500 E
Lead	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3111 B & C
Zinc	mg/ltr	0.024	5.0 Max.	15.0 Max.	APHA 3111 B
Anionic Detergents [as MBAS]	mg/ltr	< 0.001	0.2 Max.	1.0 Max.	APHA 3111 B
Chromium [Cr ⁶⁺]	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3500 Cr B
Polynuclear Aromatic Hydrocarbons	mg/ltr	< 0.001	---	---	APHA 6431 B
Pesticides	mg/ltr	< 0.001	Absent	0.001 Max	APHA 6630 BC
Mineral Oil	mg/ltr	< 0.001	0.5 Max.	No Relaxation	APHA 5520 B
Alkalinity	mg/ltr	72.8	200.0 Max.	600.0 Max.	APHA 2320 B
Aluminium	mg/ltr	< 0.001	0.03 Max.	0.2 Max.	APHA 3111 B
Boron	mg/ltr	< 0.001	0.5 Max.	1.0 Max.	APHA 4500 B - B

For GADARK LAB PVT. LTD.

[B. S. RANE]
DIRECTOR

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TEST CERTIFICATE

Report No	GPW/DW/10194/13	Report Date	23/10/2013
Organisation	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K - 1, MIDC INDUSTRIAL AREA, TALOJA, A. V. 410 208, DIST. - RAIGAD.		
Lab Reference No.	1310-1119		
Your Letter Dated	---		
Sample Collected By	Gadark Lab Pvt. Ltd.	Date of Sample Collection	11/10/2013
Sample Analysed By	Sadashiv Natu	Sample Analysed On	12/10/2013
Sample Description	Ground Water Sample Near CO ₂ Expansion Project - Excavated		
Standard Specifications	IS 10500 / 2012		

Parameters	Units	Test Result	Standard Specifications		Methods
			Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source	
ESSENTIAL CHARACTERISTICS :					
Colour (Pt. Scale)	Colour Unit	< 1.0	5.0 Max	15.0 Max	APHA 2120 B
Odour	---	Odourless	Agreeable	Agreeable	IS 3025 Part V 1983
Taste	---	Agreeable	Agreeable	Agreeable	APHA 2160 A
Turbidity	NTU	366	1.0 Max.	5.0 Max.	APHA 2130 B
pH	---	7.94	6.5 - 8.5	No Relaxation	APHA 4500 H'
Total Hardness as CaCO ₃	mg/ltr	590	300.0 Max.	600.0 Max.	APHA 2340 C
Iron	mg/ltr	4.95	0.3 Max.	No Relaxation	APHA 3500 Fe B
Chlorides	mg/ltr	222.58	250.0 Max	1000.0 Max	APHA 4500 Cl ⁻ B
Residual Free Chlorine	mg/ltr	Nil	0.2 Min.	1.0 Max.	APHA 4500 Cl ⁻ B
DESIRABLE CHARACTERISTICS :					
Total Dissolved Solids	mg/ltr	786	500.0 Max.	2000.0 Max.	APHA 2540 C
Calcium	mg/ltr	125.04	75.0 Max.	200.0 Max.	APHA 3500 Ca B
Copper	mg/ltr	< 0.001	0.05 Max.	1.5 Max.	APHA 3111 B & C
Manganese	mg/ltr	< 0.001	0.10 Max.	0.30 Max.	APHA 3111 B
Sulphate	mg/ltr	122.14	200.0 Max.	400.0 Max.	APHA 4500 SO ₄ ²⁻
Nitrate	mg/ltr	0.00816	45.0 Max.	No Relaxation	APHA 4500 NO ₃ B
Fluoride	mg/ltr	< 0.001	1.0 Max.	1.5 Max.	APHA 4500 F
Phenolic Compounds	mg/ltr	< 0.001	0.001 Max.	0.002 Max.	IS 3025
Mercury	mg/ltr	< 0.001	0.001 Max.	No Relaxation	APHA 3112 B & C
Cadmium	mg/ltr	< 0.001	0.003 Max.	No Relaxation	APHA 3500 Cd
Selenium	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3114 B
Arsenic	mg/ltr	< 0.001	0.01 Max.	0.05 Max.	APHA 3114 B
Cyanide	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 4500 E
Lead	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3111 B & C
Zinc	mg/ltr	0.032	5.0 Max.	15.0 Max.	APHA 3111 B
Anionic Detergents (as MBAS)	mg/ltr	< 0.001	0.2 Max.	1.0 Max.	APHA 3111 B
Chromium [Cr ⁶⁺]	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3500 Cr B
Polynuclear Aromatic Hydrocarbons	mg/ltr	< 0.001	---	---	APHA 6431 B
Pesticides	mg/ltr	< 0.001	Absent	0.001 Max	APHA 6630 BC
Mineral Oil	mg/ltr	< 0.001	0.5 Max.	No Relaxation	APHA 5520 B
Alkalinity	mg/ltr	164.0	200.0 Max.	600.0 Max.	APHA 2320 B
Aluminium	mg/ltr	< 0.001	0.03 Max.	0.2 Max.	APHA 3111 B
Boron	mg/ltr	< 0.001	0.5 Max.	1.0 Max.	APHA 4500 B - B

For GADARK LAB PVT. LTD.


[B. S. RANE]
DIRECTOR


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INDUSTRIAL ANALYSTS & CONSULTANTS

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TEST CERTIFICATE

Report No.	GPW/DW/10195/13	Report Date	23/10/2013
Organisation	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K - 1, MIDC INDUSTRIAL AREA, TALOJA, A. V. 410 208, DIST. - RAIGAD.		
Lab Reference No.	1310-1120		
Your Letter Dated	---		
Sample Collected By	Gadark Lab Pvt. Ltd.	Date of Sample Collection	11/10/2013
Sample Analysed By	Sadashiv Natu	Sample Analysed On	12/10/2013
Sample Description	Ground Water Sample Near Pond at Ground of Plantations		
Standard Specifications	IS 10500 / 2012		

Parameters	Units	Test Result	Standard Specifications		Methods
			Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source	
ESSENTIAL CHARACTERISTICS :					
Colour (Pt. Scale)	Colour Unit	< 1.0	5.0 Max.	15.0 Max.	APHA 2120 B
Odour	---	Odourless	Agreeable	Agreeable	IS 3025 Part V 1983
Taste	---	Agreeable	Agreeable	Agreeable	APHA 2160 A
Turbidity	NTU	181	1.0 Max.	5.0 Max.	APHA 2130 B
pH	---	5.45	6.5 - 8.5	No Relaxation	APHA 4500 H ⁺
Total Hardness as CaCO ₃	mg/ltr	800	300.0 Max.	600.0 Max.	APHA 2340 C
Iron	mg/ltr	1.77	0.3 Max.	No Relaxation	APHA 3500 Fe B
Chlorides	mg/ltr	68.79	250.0 Max.	1000.0 Max.	APHA 4500 Cl ⁻ B
Residual Free Chlorine	mg/ltr	Nil	0.2 Min.	1.0 Max.	APHA 4500 Cl B
DESIRABLE CHARACTERISTICS :					
Total Dissolved Solids	mg/ltr	890	500.0 Max.	2000.0 Max.	APHA 2540 C
Calcium	mg/ltr	100.20	75.0 Max.	200.0 Max.	APHA 3500 Ca B
Copper	mg/ltr	< 0.001	0.05 Max.	1.5 Max.	APHA 3111 B & C
Manganese	mg/ltr	< 0.001	0.10 Max.	0.30 Max.	APHA 3111 B
Sulphate	mg/ltr	24.33	200.0 Max.	400.0 Max.	APHA 4500 SO ₄ ²⁻
Nitrate	mg/ltr	0.00664	45.0 Max.	No Relaxation	APHA 4500 NO ₃ ⁻ B
Fluoride	mg/ltr	< 0.001	1.0 Max.	1.5 Max.	APHA 4500 F ⁻
Phenolic Compounds	mg/ltr	< 0.001	0.001 Max.	0.002 Max.	IS 3025
Mercury	mg/ltr	< 0.001	0.001 Max.	No Relaxation	APHA 3112 B & C
Cadmium	mg/ltr	< 0.001	0.003 Max.	No Relaxation	APHA 3500 Cd
Selenium	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3114 B
Arsenic	mg/ltr	< 0.001	0.01 Max.	0.05 Max.	APHA 3114 B
Cyanide	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 4500 E
Lead	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3111 B & C
Zinc	mg/ltr	0.028	5.0 Max.	15.0 Max.	APHA 3111 B
Anionic Detergents [as MBAS]	mg/ltr	< 0.001	0.2 Max.	1.0 Max.	APHA 3111 B
Chromium [Cr ⁶⁺]	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3500 Cr B
Polynuclear Aromatic Hydrocarbons	mg/ltr	< 0.001	---	---	APHA 6431 B
Pesticides	mg/ltr	< 0.001	Absent	0.001 Max.	APHA 6630 BC
Mineral Oil	mg/ltr	< 0.001	0.5 Max.	No Relaxation	APHA 5520 B
Alkalinity	mg/ltr	82.0	200.0 Max.	600.0 Max.	APHA 2320 B
Aluminium	mg/ltr	< 0.001	0.03 Max.	0.2 Max.	APHA 3111 B
Boron	mg/ltr	< 0.001	0.5 Max.	1.0 Max.	APHA 4500 B - B

For GADARK LAB PVT. LTD.


[B. S. RANE]
DIRECTOR


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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

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Tel No. : 022-2577 7069 / 70 • Fax - 022-2577 4545.

TEST CERTIFICATE

Report No.	GPW/K/1052/12	Report Date	19/10/2012
Organisation	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K - 1, MIDC INDUSTRIAL AREA, TALOJA, A. V. 410 208, DIST. - RAIGAD.		
Lab Reference No.	1210 - 1201K		
Your Letter Dated	---		
Sample Collected By	Gadark Lab Pvt. Ltd.	Date of Sample Collection	12/10/2012
Sample Analysed By	Vinay Gade	Sample Analysed On	13/10/2012
Sample Description	Ground Water Sample Near Ammonia Tank Area		
Standard Specifications	IS 10500 / 1991		

Parameters	Units	Test Result	Standard Specifications		Methods
			Highest Desirable Limits	Maximum Permissible Limits	
ESSENTIAL CHARACTERISTICS :					
Colour (Pt. Scale)	Colour Unit	< 1.0	5.0 Max.	25.0 Max.	APHA 2120 B
Odour	---	Odourless	Unobjectionable	Unobjectionable	IS 3025 Part V 1983
Taste	---	Agreeable	Agreeable	Agreeable	APHA 2160 A
Turbidity	NTU	0.2	5.0 Max.	10.0 Max.	APHA 2130 B
pH	---	6.67	6.5 - 8.5	No Relaxation	APHA 4500 H ⁺
Total Hardness as CaCO ₃	mg/ltr	480	300.0 Max.	600.0 Max.	APHA 2340 C
Iron	mg/ltr	0.18	0.3 Max.	1.0 Max.	APHA 3500 Fe B
Chlorides	mg/ltr	51.02	250.0 Max.	1000.0 Max.	APHA 4500 Cl ⁻ B
Residual Free Chlorine	mg/ltr	Nil	0.2 Min.	Nil	APHA 4500 Cl ⁻ B
DESIRABLE CHARACTERISTICS :					
Total Dissolved Solids	mg/ltr	590	500.0 Max.	2000.0 Max.	APHA 2540 C
Calcium	mg/ltr	21.58	75.0 Max.	200.0 Max.	APHA 3500 Ca B
Copper	mg/ltr	< 0.001	0.05 Max.	1.5 Max.	APHA 3111 B & C
Manganese	mg/ltr	< 0.001	0.10 Max.	0.30 Max.	APHA 3111 B
Sulphate	mg/ltr ^l	4.2	200.0 Max.	400.0 Max.	APHA 4500 SO ₄ ²⁻
Nitrate	mg/ltr	0.26	45.0 Max.	100.0 Max.	APHA 4500 NO ₃ ⁻ B
Fluoride	mg/ltr	< 0.001	1.0 Max.	1.5 Max.	APHA 4500 F ⁻
Phenolic Compounds	mg/ltr	< 0.001	0.001 Max.	0.002 Max.	IS 3025
Mercury	mg/ltr	< 0.001	0.001 Max.	No Relaxation	APHA 3112 B & C
Cadmium	mg/ltr	0.04	0.01 Max.	No Relaxation	APHA 3500 Cd
Selenium	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3114 B
Arsenic	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3114 B
Cyanide	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 4500 E
Lead	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3111 B & C
Zinc	mg/ltr	0.55	5.0 Max.	15.0 Max.	APHA 3111 B
Anionic Detergents [as MBAS]	mg/ltr	< 0.001	0.2 Max.	1.0 Max.	APHA 3111 B
Chromium [Cr ⁶⁺]	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3500 Cr B
Polynuclear Aromatic Hydrocarbons	mg/ltr	< 0.001	---	---	APHA 6431 B
Pesticides	mg/ltr	< 0.001	Absent	0.001 Max	APHA 6630 BC
Mineral Oil	mg/ltr	< 0.001	0.01 Max.	0.03 Max.	APHA 5520 B
Alkalinity	mg/ltr	92	200.0 Max.	600.0 Max.	APHA 2320 B
Aluminium	mg/ltr	< 0.001	0.03 Max.	0.2 Max.	APHA 3111 B
Boron	mg/ltr	< 0.001	1.0 Max.	5.0 Max.	APHA 4500 B - B

For GADARK LAB PVT. LTD.

[B. S. RANE]
DIRECTOR

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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

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Tel No. : 022-2577 7069 / 70 • Fax - 022-2577 4545.

TEST CERTIFICATE

Report No.	GPW/K/0656/13	Report Date	03/07/2013
Organisation	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K - 1, MIDC INDUSTRIAL AREA, TALOJA, A. V. 410 208, DIST. - RAIGAD.		
Lab Reference No.	1306 - 2701K		
Your Letter Dated	---		
Sample Collected By	Gadark Lab Pvt. Ltd.	Date of Sample Collection	27/06/2013
Sample Analysed By	Sadashiv Natu	Sample Analysed On	28/06/2013
Sample Description	Ground Water Sample Near Ammonia Tank Area		
Standard Specifications	IS 10500 / 2012		

Parameters	Units	Test Result	Standard Specifications		Methods
			Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source	
ESSENTIAL CHARACTERISTICS :					
Colour (Pt. Scale)	Colour Unit	< 1.0	5.0 Max.	15.0 Max.	APHA 2120 B
Odour	---	Odourless	Agreeable	Agreeable	IS 3025 Part V 1983
Taste	---	Agreeable	Agreeable	Agreeable	APHA 2160 A
Turbidity	NTU	0.2	1.0 Max.	5.0 Max.	APHA 2130 B
pH	---	6.67	6.5 - 8.5	No Relaxation	APHA 4500 H'
Total Hardness as CaCO ₃	mg/ltr	480	300.0 Max.	600.0 Max.	APHA 2340 C
Iron	mg/ltr	0.18	0.3 Max.	No Relaxation	APHA 3500 Fe B
Chlorides	mg/ltr	51.02	250.0 Max.	1000.0 Max.	APHA 4500 Cl ⁻ B
Residual Free Chlorine	mg/ltr	Nil	0.2 Min.	1.0 Max.	APHA 4500 Cl B
DESIRABLE CHARACTERISTICS :					
Total Dissolved Solids	mg/ltr	590	500.0 Max.	2000.0 Max.	APHA 2540 C
Calcium	mg/ltr	21.58	75.0 Max.	200.0 Max.	APHA 3500 Ca B
Copper	mg/ltr	< 0.001	0.05 Max.	1.5 Max.	APHA 3111 B & C
Manganese	mg/ltr	< 0.001	0.10 Max.	0.30 Max.	APHA 3111 B
Sulphate	mg/ltr	4.2	200.0 Max.	400.0 Max.	APHA 4500 SO ₄ ²⁻
Nitrate	mg/ltr	0.26	45.0 Max.	No Relaxation	APHA 4500 NO ₃ B
Fluoride	mg/ltr	< 0.001	1.0 Max.	1.5 Max.	APHA 4500 F
Phenolic Compounds	mg/ltr	< 0.001	0.001 Max.	0.002 Max.	IS 3025
Mercury	mg/ltr	< 0.001	0.001 Max.	No Relaxation	APHA 3112 B & C
Cadmium	mg/ltr	0.04	0.003 Max.	No Relaxation	APHA 3500 Cd
Selenium	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3114 B
Arsenic	mg/ltr	< 0.001	0.01 Max.	0.05 Max.	APHA 3114 B
Cyanide	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 4500 E
Lead	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3111 B & C
Zinc	mg/ltr	0.55	5.0 Max.	15.0 Max.	APHA 3111 B
Anionic Detergents [as MBAS]	mg/ltr	< 0.001	0.2 Max.	1.0 Max.	APHA 3111 B
Chromium [Cr ⁶⁺]	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3500 Cr B
Polynuclear Aromatic Hydrocarbons	mg/ltr	< 0.001	---	---	APHA 6431 B
Pesticides	mg/ltr	< 0.001	Absent	0.001 Max.	APHA 6630 BC
Mineral Oil	mg/ltr	< 0.001	0.5 Max.	No Relaxation	APHA 5520 B
Alkalinity	mg/ltr	92	200.0 Max.	600.0 Max.	APHA 2320 B
Aluminium	mg/ltr	< 0.001	0.03 Max.	0.2 Max.	APHA 3111 B
Boron	mg/ltr	< 0.001	0.5 Max.	1.0 Max.	APHA 4500 B - B

For GADARK LAB PVT. LTD.

[B. S. RANE]
DIRECTOR

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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

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Tel No : 022-2577 7069 / 70 • Fax - 022-2577 4545.

TEST CERTIFICATE

Report No.	GPW/DW/04210/12	Report Date	23/04/2012
Organisation	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K - 1, MIDC INDUSTRIAL AREA, TALOJA, A. V. 410 208, DIST. - RAIGAD.		
Lab Reference No.	1204 - 1617		
Your Letter Dated	---		
Sample Collected By	Gadark Lab Pvt. Ltd.	Date of Sample Collection	16/04/2012
Sample Analysed By	Vinay Gade	Sample Analysed On	17/04/2012
Sample Description	Ground Water Sample Near Ammonia Tank Area		
Standard Specifications	IS 10500 / 1991		

Parameters	Units	Test Result	Standard Specifications		Methods
			Highest Desirable Limits	Maximum Permissible Limits	
ESSENTIAL CHARACTERISTICS :					
Colour (Pt. Scale)	Colour Unit	< 1.0	5.0 Max.	25.0 Max.	APHA 2120 B
Odour	---	Odourless	Unobjectionable	Unobjectionable	IS 3025 Part V 1983
Taste	---	Agreeable	Agreeable	Agreeable	APHA 2160 A
Turbidity	NTU	0.3	5.0 Max.	10.0 Max.	APHA 2130 B
pH	---	6.26	6.5 - 8.5	No Relaxation	APHA 4500 H ¹
Total Hardness as CaCO ₃	mg/ltr	534	300.0 Max.	600.0 Max.	APHA 2340 C
Iron	mg/ltr	0.14	0.3 Max.	1.0 Max.	APHA 3500 Fe B
Chlorides	mg/ltr	47.09	250.0 Max.	1000.0 Max.	APHA 4500 Cl ⁻ B
Residual Free Chlorine	mg/ltr	Nil	0.2 Min.	Nil	APHA 4500 Cl B
DESIRABLE CHARACTERISTICS :					
Total Dissolved Solids	mg/ltr	542	500.0 Max.	2000.0 Max.	APHA 2540 C
Calcium	mg/ltr	23.24	75.0 Max.	200.0 Max.	APHA 3500 Ca B
Copper	mg/ltr	< 0.001	0.05 Max.	1.5 Max.	APHA 3111 B & C
Manganese	mg/ltr	< 0.001	0.10 Max.	0.30 Max.	APHA 3111 B
Sulphate	mg/ltr	3.8	200.0 Max.	400.0 Max.	APHA 4500 SO ₄ ²⁻
Nitrate	mg/ltr	0.21	45.0 Max.	100.0 Max.	APHA 4500 NO ₃ B
Fluoride	mg/ltr	< 0.001	1.0 Max.	1.5 Max.	APHA 4500 F ⁻
Phenolic Compounds	mg/ltr	< 0.001	0.001 Max.	0.002 Max.	IS 3025
Mercury	mg/ltr	< 0.001	0.001 Max.	No Relaxation	APHA 3112 B & C
Cadmium	mg/ltr	0.09	0.01 Max.	No Relaxation	APHA 3500 Cd
Selenium	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3114 B
Arsenic	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3114 B
Cyanide	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 4500 E
Lead	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3111 B & C
Zinc	mg/ltr	3.48	5.0 Max.	15.0 Max.	APHA 3111 B
Anionic Detergents [as MBAS]	mg/ltr	< 0.001	0.2 Max.	1.0 Max.	APHA 3111 B
Chromium [Cr ^{VI}]	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3500 Cr B
Polynuclear Aromatic Hydrocarbons	mg/ltr	< 0.001	---	---	APHA 6431 B
Pesticides	mg/ltr	< 0.001	Absent	0.001 Max.	APHA 6630 BC
Mineral Oil	mg/ltr	< 0.001	0.01 Max.	0.03 Max.	APHA 5520 B
Alkalinity	mg/ltr	84	200.0 Max.	600.0 Max.	APHA 2320 B
Aluminium	mg/ltr	< 0.001	0.03 Max.	0.2 Max.	APHA 3111 B
Boron	mg/ltr	< 0.001	1.0 Max.	5.0 Max.	APHA 4500 B - B

For GADARK LAB PVT. LTD.

[B. S. RANE]
DIRECTOR

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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

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Tel No. : 022-2577 7069 / 70 • Fax - 022-2577 4545.

TEST CERTIFICATE

Report No.	GPW/DW/03298/12	Report Date	05/04/2012
Organisation	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K - 1, MIDC INDUSTRIAL AREA, TALOJA, A. V. 410 208, DIST. - RAIGAD.		
Lab Reference No.	1203 - 2927		
Your Letter Dated	---		
Sample Collected By	Gadark Lab Pvt. Ltd.	Date of Sample Collection	29/03/2012
Sample Analysed By	Vinay Gade	Sample Analysed On	30/03/2012
Sample Description	Ground Water Sample Near Ammonia Tank Area		
Standard Specifications	IS 10500 / 1991		

Parameters	Units	Test Result	Standard Specifications		Methods
			Highest Desirable Limits	Maximum Permissible Limits	
ESSENTIAL CHARACTERISTICS :					
Colour (Pt. Scale)	Colour Unit	< 1.0	5.0 Max.	25.0 Max.	APHA 2120 B
Odour	---	Odourless	Unobjectionable	Unobjectionable	IS 3025 Part V 1983
Taste	---	Agreeable	Agreeable	Agreeable	APHA 2160 A
Turbidity	NTU	0.4	5.0 Max.	10.0 Max.	APHA 2130 B
pH	---	6.22	6.5 - 8.5	No Relaxation	APHA 4500 H ⁺
Total Hardness as CaCO ₃	mg/ltr	510	300.0 Max.	600.0 Max.	APHA 2340 C
Iron	mg/ltr	0.14	0.3 Max.	1.0 Max.	APHA 3500 Fe B
Chlorides	mg/ltr	93.22	250.0 Max.	1000.0 Max.	APHA 4500 Cl ⁻ B
Residual Free Chlorine	mg/ltr	Nil	0.2 Min.	Nil	APHA 4500 Cl B
DESIRABLE CHARACTERISTICS :					
Total Dissolved Solids	mg/ltr	520	500.0 Max.	2000.0 Max.	APHA 2540 C
Calcium	mg/ltr	40.08	75.0 Max.	200.0 Max.	APHA 3500 Ca B
Copper	mg/ltr	< 0.001	0.05 Max.	1.5 Max.	APHA 3111 B & C
Manganese	mg/ltr	0.072	0.10 Max.	0.30 Max.	APHA 3111 B
Sulphate	mg/ltr	14.2	200.0 Max.	400.0 Max.	APHA 4500 SO ₄ ²⁻
Nitrate	mg/ltr	0.23	45.0 Max.	100.0 Max.	APHA 4500 NO ₃ B
Fluoride	mg/ltr	< 0.001	1.0 Max.	1.5 Max.	APHA 4500 F ⁻
Phenolic Compounds	mg/ltr	< 0.001	0.001 Max.	0.002 Max.	IS 3025
Mercury	mg/ltr	< 0.001	0.001 Max.	No Relaxation	APHA 3112 B & C
Cadmium	mg/ltr	0.11	0.01 Max.	No Relaxation	APHA 3500 Cd
Selenium	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3114 B
Arsenic	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3114 B
Cyanide	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 4500 E
Lead	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3111 B & C
Zinc	mg/ltr	0.52	5.0 Max.	15.0 Max.	APHA 3111 B
Anionic Detergents [as MBAS]	mg/ltr	< 0.001	0.2 Max.	1.0 Max.	APHA 3111 B
Chromium [Cr ⁶⁺]	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3500 Cr B
Polynuclear Aromatic Hydrocarbons	mg/ltr	< 0.001	---	---	APHA 6431 B
Pesticides	mg/ltr	< 0.001	Absent	0.001 Max	APHA 6630 BC
Mineral Oil	mg/ltr	< 0.001	0.01 Max.	0.03 Max.	APHA 5520 B
Alkalinity	mg/ltr	104	200.0 Max.	600.0 Max.	APHA 2320 B
Aluminium	mg/ltr	< 0.001	0.03 Max.	0.2 Max.	APHA 3111 B
Boron	mg/ltr	< 0.001	1.0 Max.	5.0 Max.	APHA 4500 B - B

For GADARK LAB PVT. LTD.

[B. S. RANE]
DIRECTOR

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GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

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Tel No. : 022-2577 7069 / 70 • Fax - 022-2577 4545.

TEST CERTIFICATE

Report No.	GPWK/0701/11	Report Date	02/08/2011
Organisation	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K - 1, MIDC INDUSTRIAL AREA, TALOJA, A. V. 410 208, DIST. - RAIGAD.		
Lab Reference No.	1107 - 2701K		
Your Letter Dated	---		
Sample Collected By	Gadark Lab Pvt. Ltd.	Date of Sample Collection	27/07/2011
Sample Analysed By	Vinay Gade	Sample Analysed On	28/07/2011
Sample Description	Ground Water Sample Near Ammonia Tank Area		
Standard Specifications	IS 10500 / 1991		

Parameters	Units	Test Result	Standard Specifications		Methods
			Highest Desirable Limits	Maximum Permissible Limits	
ESSENTIAL CHARACTERISTICS :					
Colour (Pt Scale)	Colour Unit	< 1.0	5.0 Max	25.0 Max.	APHA 2120 B
Odour	---	Odourless	Unobjectionable	Unobjectionable	IS 3025 Part V 1983
Taste	---	Agreeable	Agreeable	Agreeable	APHA 2160 A
Turbidity	NTU	0.3	5.0 Max.	10.0 Max.	APHA 2130 B
pH	---	7.28	6.5 - 8.5	No Relaxation	APHA 4500 H ⁺
Total Hardness as CaCO ₃	mg/ltr	480	300.0 Max.	600.0 Max.	APHA 2340 C
Iron	mg/ltr	0.13	0.3 Max.	1.0 Max.	APHA 3500 Fe B
Chlorides	mg/ltr	83.84	250.0 Max	1000.0 Max.	APHA 4500 Cl ⁻ B
Residual Free Chlorine	mg/ltr	Nil	0.2 Min.	Nil	APHA 4500 Cl B
DESIRABLE CHARACTERISTICS :					
Total Dissolved Solids	mg/ltr	668	500.0 Max.	2000.0 Max	APHA 2540 C
Calcium	mg/ltr	56.82	75.0 Max.	200.0 Max.	APHA 3500 Ca B
Copper	mg/ltr	< 0.001	0.05 Max.	1.5 Max.	APHA 3111 B & C
Manganese	mg/ltr	0.062	0.10 Max.	0.30 Max.	APHA 3111 B
Sulphate	mg/ltr	16.8	200.0 Max.	400.0 Max.	APHA 4500 SO ₄ ²⁻
Nitrate	mg/ltr	0.34	45.0 Max	100.0 Max.	APHA 4500 NO ₃ ⁻ B
Fluoride	mg/ltr	< 0.001	1.0 Max	1.5 Max.	APHA 4500 F ⁻
Phenolic Compounds	mg/ltr	< 0.001	0.001 Max.	0.002 Max.	IS 3025
Mercury	mg/ltr	< 0.001	0.001 Max.	No Relaxation	APHA 3112 B & C
Cadmium	mg/ltr	0.13	0.01 Max	No Relaxation	APHA 3500 Cd
Selenium	mg/ltr	< 0.001	0.01 Max.	No Relaxation	APHA 3114 B
Arsenic	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3114 B
Cyanide	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 4500 E
Lead	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3111 B & C
Zinc	mg/ltr	0.64	5.0 Max.	15.0 Max.	APHA 3111 B
Anionic Detergents [as MBAS]	mg/ltr	< 0.001	0.2 Max.	1.0 Max.	APHA 3111 B
Chromium [Cr ⁶⁺]	mg/ltr	< 0.001	0.05 Max.	No Relaxation	APHA 3500 Cr B
Polynuclear Aromatic Hydrocarbons	mg/ltr	< 0.001	---	---	APHA 6431 B
Pesticides	mg/ltr	< 0.001	Absent	0.001 Max	APHA 6630 BC
Mineral Oil	mg/ltr	< 0.001	0.01 Max.	0.03 Max.	APHA 5520 B
Alkalinity	mg/ltr	124	200.0 Max.	600.0 Max.	APHA 2320 B
Aluminium	mg/ltr	< 0.001	0.03 Max.	0.2 Max.	APHA 3111 B
Boron	mg/ltr	< 0.001	1.0 Max	5.0 Max.	APHA 4500 B - B

For GADARK LAB PVT. LTD.

[B. S. RANE]
DIRECTOR

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