



Vardan EnviroLab LLP

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (HR)
ISO 9001 | ISO 14001 | ISO 45001



Test Report

Sample Number:	VEL /GW/06	Report No.:	VEL/W/2602260006
Name & Address of Party:	M/s Chambal Fertilizers & Chemical Ltd P.O- Gadepan, Kota, Rajasthan	Format No.:	7.8 F 03
		Party Reference No.:	CFCL/PUR/260/ 45021800
		Reporting Date:	10/03/2026
Sample Description:	Ground Water	Period of Analysis:	26/02/2026 to 10/03/2026
Sampling Location:	Village- Ballabhpora	Receipt Date:	26/02/2026
Sample Collected by:	Vardan EnviroLab Representative	Sampling Date:	25/02/2026
Preservation:	Refrigerated	Sampling Type:	Grab
Sampling & Analysis Protocol:	APHA, IS & STP	Sample Quantity:	5.0 Ltr.

TEST RESULTS

S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
1.	pH (at 25 °C)	IS 3025 (Part 11):2022 (Using by Electrode)	7.25	--	6.5 to 8.5	No Relaxation
2.	Total Dissolved Solids	IS:3025:P-16: 2023(Gravimetric Method)	892.00	mg/l	500	2000
3.	Alkalinity as CaCO ₃	IS:3025:Part 23:2023(Indicator Method)	241.50	mg/l	200	600
4.	Total Hardness as CaCO ₃	IS 3025:P-21:2009(EDTA Method)	392.16	mg/l	200	600
5.	Nitrate as NO ₃	APHA 24th Edition :2023,4500 NO3. B Screening Method	25.10	mg/l	45	No Relaxation
6.	Chloride as Cl	IS:3025:Part 32:1988 (Argentometric Method)	211.17	mg/l	250	1000
7.	Sulphate as SO ₄	IS:3025(Part 24/Sec-1):2022 (Turbidity Method)	162.71	mg/l	200	400
8.	Calcium as Ca	IS: 3025:P-40: 1991(EDTA Titrimetric Method)	123.21	mg/l	75	200
9.	Fluoride as F	APHA 4500 F-D: 24 th Edition : 2023 (SPADNS Method)	1.15	mg/l	1.0	1.5
10.	Iron as Fe	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	0.14	mg/l	0.3	No relaxation
11.	Arsenic as As	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.01	0.05
12.	Mercury as Hg	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.0005)	mg/l	0.001	No relaxation
13.	Lead as Pb	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.01	No relaxation
14.	Cadmium (as Cd)	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.003	No relaxation

Page No. 01 of 03



NOTE: a) The results listed refer only to the tested samples & applicable parameters
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Sample No.: VEL /GW/06

Test Report

Report No.: VEL/W/2602260006

Limits of IS:10500 -2012

S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
15.	Boron as B	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	0.5	2.4
16.	Total Chromium	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.05	No relaxation
17.	Copper as Cu	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.05	1.5
18.	Zinc as Zn	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	5	15
19.	Selenium as Se	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.001)	mg/l	0.01	No relaxation
20.	Turbidity	IS: 3025 (P-10)	BLQ(**LOQ 1.0)	NTU	1	5
21.	Aluminium as Al	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.03	0.2
22.	Manganese as Mn	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	0.1	0.3
23.	Oil & Grease	IS: 3025(P-39):2021(GravimetricMethod)	BLQ(**LOQ 0.4)	mg/l	NA	NA
24.	Residual free Chlorine	IS:3025:P-26:2021 (Colorimetric Method using)	BLQ(**LOQ 0.15)	mg/l	0.2	1
25.	Cyanide as CN	IS:3025(P-27/Sec1):2021(Pyridine Barbituric Acid Method)	*BLQ(**LOQ 0.02)	mg/l	0.05	No relaxation
26.	Colour	IS:3025 (Part-4) :2021 (Visual Comparison Method)	*BLQ(**LOQ 1.0)	Hazen	5	15
27.	Odour	IS:3025 Part-5: 2018	Agreeable	--	Agreeable	Agreeable
28.	Taste	IS:3025:Part-8:2023	Agreeable	--	Agreeable	Agreeable
29.	Anionic Detergents as MBAS	IS:3025:P-68:2019 (Methylene Blue Method)	*BLQ(**LOQ 0.05)	mg/l	0.2	1.0
30.	Phenolic Compounds	IS:3025 (Part-43/Sec-1):2022 (Without Chloroform extraction)	*BLQ(**LOQ 0.0004)	mg/l	0.001	0.002
31.	P.P.-DDT or 4,4-DDT	VEL/STP/W-01, Issue No. - 01, 01/11/2021	BLQ(**LOQ 0.01)	µg/l	--	1
32.	Alachlor	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	20
33.	Atrazine	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
34.	Aldrin	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.03
35.	Alpha HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.01
36.	Beta HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.04
37.	Delta HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.04

Page No. 02 of 03



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Test Report

Sample No.: VEL /GW/06			Report No.: VEL/W/2602260006			
S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
38.	Endosulfan (alpha,beta and sulphate)	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.4
39.	Gamma-HCH	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
40.	Malathion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	190
41.	Methyl Parathion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.3
42.	2,4, Dichlorophenoxyacetic acid	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	30
43.	Ethion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	3
44.	Isoproturon	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	9
45.	Monochrotophos	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	1
46.	Phorate	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
47.	Buta chlor	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	125
48.	Chlorpyriphos	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	0.0005	30

Note:- *BLQ -Below Limit of Quantification, **LOQ- Limit of Quantification. STP- Standard Testing Procedure
End of Report

Page No. 03 of 03



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Test Report

Sample Number:	VEL /GW/05	Report No.:	VEL/W/2602260005
Name & Address of Party:	M/s Chambal Fertilizers & Chemical Ltd P.O- Gadepan, Kota, Rajasthan	Format No.:	7.8 F 03
		Party Reference No.:	CFCL/PUR/260/ 45021800
		Reporting Date:	10/03/2026
Sample Description:	Ground Water	Period of Analysis:	26/02/2026 to 10/03/2026
Sampling Location:	Village- Bhaunra	Receipt Date:	26/02/2026
Sample Collected by:	Vardan EnviroLab Representative	Sampling Date:	25/02/2026
Preservation:	Refrigerated	Sampling Type:	Grab
Sampling & Analysis Protocol:	APHA, IS & STP	Sample Quantity:	5.0 Ltr.

TEST RESULTS

S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
1.	pH (at 25 °C)	IS 3025 (Part 11):2022 (Using by Electrode)	7.10	--	6.5 to 8.5	No Relaxation
2.	Total Dissolved Solids	IS:3025:P-16: 2023(Gravimetric Method)	1145.0	mg/l	500	2000
3.	Alkalinity as CaCO ₃	IS:3025:Part 23:2023(Indicator Method)	383.25	mg/l	200	600
4.	Total Hardness as CaCO ₃	IS 3025:P-21:2009(EDTA Method)	610.78	mg/l	200	600
5.	Nitrate as NO ₃	APHA 24th Edition :2023,4500 NO3. B Screening Method	15.69	mg/l	45	No Relaxation
6.	Chloride as Cl	IS:3025:Part 32:1988 (Argentometric Method)	197.04	mg/l	250	1000
7.	Sulphate as SO ₄	IS:3025(Part 24/Sec-1):2022 (Turbidity Method)	222.20	mg/l	200	400
8.	Calcium as Ca	IS: 3025:P-40: 1991(EDTA Titrimetric Method)	128.46	mg/l	75	200
9.	Fluoride as F	APHA 4500 F-D: 24 th Edition : 2023 (SPADNS Method)	0.96	mg/l	1.0	1.5
10.	Iron as Fe	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	0.24	mg/l	0.3	No relaxation
11.	Arsenic as As	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.01	0.05
12.	Mercury as Hg	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.0005)	mg/l	0.001	No relaxation
13.	Lead as Pb	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.01	No relaxation
14.	Cadmium (as Cd)	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.003	No relaxation

Page No. 01 of 03



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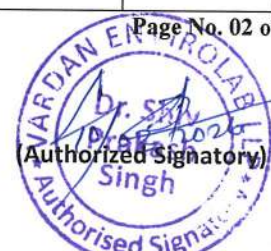


Sample No.: VEL /GW/05

Test Report

Report No.: VEL/W/2602260005

S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
15.	Boron as B	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	0.5	2.4
16.	Total Chromium	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.05	No relaxation
17.	Copper as Cu	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.05	1.5
18.	Zinc as Zn	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	5	15
19.	Selenium as Se	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.001)	mg/l	0.01	No relaxation
20.	Turbidity	IS: 3025 (P-10)	BLQ(**LOQ 1.0)	NTU	1	5
21.	Aluminium as Al	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.03	0.2
22.	Manganese as Mn	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	0.1	0.3
23.	Oil & Grease	IS: 3025(P-39):2021(GravimetricMethod)	BLQ(**LOQ 0.4)	mg/l	NA	NA
24.	Residual free Chlorine	IS:3025:P-26:2021 (Colorimetric Method using)	BLQ(**LOQ 0.15)	mg/l	0.2	1
25.	Cyanide as CN	IS:3025(P-27/Sec1):2021(Pyridine Barbituric Acid Method)	*BLQ(**LOQ 0.02)	mg/l	0.05	No relaxation
26.	Colour	IS:3025 (Part-4) :2021 (Visual Comparison Method)	*BLQ(**LOQ 1.0)	Hazen	5	15
27.	Odour	IS:3025 Part-5: 2018	Agreeable	--	Agreeable	Agreeable
28.	Taste	IS:3025:Part-8:2023	Agreeable	--	Agreeable	Agreeable
29.	Anionic Detergents as MBAS	IS:3025:P-68:2019 (Methylene Blue Method)	*BLQ(**LOQ 0.05)	mg/l	0.2	1.0
30.	Phenolic Compounds	IS:3025 (Part-43/Sec-1):2022 (Without Chloroform extraction)	*BLQ(**LOQ 0.0004)	mg/l	0.001	0.002
31.	P.P.-DDT or 4,4-DDT	VEL/STP/W-01, Issue No. - 01, 01/11/2021	BLQ(**LOQ 0.01)	µg/l	--	1
32.	Alachlor	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	20
33.	Atrazine	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
34.	Aldrin	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.03
35.	Alpha HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.01
36.	Beta HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.04
37.	Delta HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.04



Page No. 02 of 03

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S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
38.	Endosulfan (alpha,beta and sulphate)	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.4
39.	Gamma-HCH	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
40.	Malathion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	190
41.	Methyl Parathion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.3
42.	2,4, Dichlorophenoxyacetic acid	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	30
43.	Ethion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	3
44.	Isoproturon	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	9
45.	Monochrotophos	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	1
46.	Phorate	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
47.	Buta chlor	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	125
48.	Chlorpyrifos	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	0.0005	30

Note:- *BLQ -Below Limit of Quantification, **LOQ- Limit of Quantification. STP- Standard Testing Procedure
End of Report

Page No. 03 of 03



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ISO 9001 | ISO 14001 | ISO 45001



Test Report

Sample Number:	VEL /GW/04	Report No.:	VEL/W/2602260004
Name & Address of Party:	M/s Chambal Fertilizers & Chemical Ltd P.O- Gadepan, Kota, Rajasthan	Format No.:	7.8 F 03
		Party Reference No.:	CFCL/PUR/260/ 45021800
		Reporting Date:	10/03/2026
Sample Description:	Ground Water	Period of Analysis:	26/02/2026 to 10/03/2026
Sampling Location:	Village- Ruggi	Receipt Date:	26/02/2026
Sample Collected by	Vardan Envirolab Representative	Sampling Date:	25/02/2026
Preservation:	Refrigerated	Sampling Type:	Grab
Sampling & Analysis Protocol:	APHA, SI & STP	Sample Quantity:	5.0 Ltr.

TEST RESULTS

S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
1.	pH (at 25 °C)	IS 3025 (Part 11):2022 (Using by Electrode)	7.76	--	6.5 to 8.5	No Relaxation
2.	Total Dissolved Solids	IS:3025:P-16: 2023(Gravimetric Method)	589.00	mg/l	500	2000
3.	Alkalinity as CaCO ₃	IS:3025:Part 23:2023(Indicator Method)	210.10	mg/l	200	600
4.	Total Hardness as CaCO ₃	IS 3025:P-21:2009(EDTA Method)	291.92	mg/l	200	600
5.	Nitrate as NO ₃	APHA 24th Edition :2023,4500 NO3. B Screening Method	18.25	mg/l	45	No Relaxation
6.	Chloride as Cl	IS:3025:Part 32:1988 (Argentometric Method)	157.57	mg/l	250	1000
7.	Sulphate as SO ₄	IS:3025(Part 24/Sec-1):2022 (Turbidity Method)	70.91	mg/l	200	400
8.	Calcium as Ca	IS: 3025:P-40: 1991(EDTA Titrimetric Method)	74.58	mg/l	75	200
9.	Fluoride as F	APHA 4500 F-D: 24 th Edition : 2023 (SPADNS Method)	0.87	mg/l	1.0	1.5
10.	Iron as Fe	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	0.18	mg/l	0.3	No relaxation
11.	Arsenic as As	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.01	0.05
12.	Mercury as Hg	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.0005)	mg/l	0.001	No relaxation
13.	Lead as Pb	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.01	No relaxation
14.	Cadmium (as Cd)	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.003	No relaxation

Page No. 01 of 03



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Sample No.: VEL /GW/04

Test Report

Report No.: VEL/W/2602260004

S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
15.	Boron as B	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	0.5	2.4
16.	Total Chromium	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.05	No relaxation
17.	Copper as Cu	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.05	1.5
18.	Zinc as Zn	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	5	15
19.	Selenium as Se	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.001)	mg/l	0.01	No relaxation
20.	Turbidity	IS: 3025 (P-10)	BLQ(**LOQ 1.0)	NTU	1	5
21.	Aluminium as Al	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.03	0.2
22.	Manganese as Mn	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	0.1	0.3
23.	Oil & Grease	IS: 3025(P-39):2021(Gravimetric Method)	BLQ(**LOQ 0.4)	mg/l	NA	NA
24.	Residual free Chlorine	IS:3025:P-26:2021 (Colorimetric Method using)	BLQ(**LOQ 0.15)	mg/l	0.2	1
25.	Cyanide as CN	IS:3025(P-27/Sec1):2021(Pyridine Barbituric Acid Method)	*BLQ(**LOQ 0.02)	mg/l	0.05	No relaxation
26.	Colour	IS:3025 (Part-4) :2021 (Visual Comparison Method)	*BLQ(**LOQ 1.0)	Hazen	5	15
27.	Odour	IS:3025 Part-5: 2018	Agreeable	--	Agreeable	Agreeable
28.	Taste	IS:3025:Part-8:2023	Agreeable	--	Agreeable	Agreeable
29.	Anionic Detergents as MBAS	IS:3025:P-68:2019 (Methylene Blue Method)	*BLQ(**LOQ 0.05)	mg/l	0.2	1.0
30.	Phenolic Compounds	IS:3025 (Part-43/Sec-1):2022 (Without Chloroform extraction)	*BLQ(**LOQ 0.0004)	mg/l	0.001	0.002
31.	P.P.-DDT or 4,4-DDT	VEL/STP/W-01, Issue No. - 01, 01/11/2021	BLQ(**LOQ 0.01)	µg/l	--	1
32.	Alachlor	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	20
33.	Atrazine	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
34.	Aldrin	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.03
35.	Alpha HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.01
36.	Beta HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.04
37.	Delta HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.04

Page No. 02 of 03



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Sample No:- VEL /GW/04

Test Report

Report No.: VEL/W/2602260004

S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
38.	Endosulfan (alpha,beta and sulphate)	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.4
39.	Gamma-HCH	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
40.	Malathion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	190
41.	Methyl Parathion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.3
42.	2,4, Dichlorophenoxyacetic acid	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	30
43.	Ethion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	3
44.	Isoproturon	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	9
45.	Monochrotophos	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	1
46.	Phorate	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
47.	Buta chlor	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	125
48.	Chlorpyriphos	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	0.0005	30

Note:- *BLQ -Below Limit of Quantification, **LOQ- Limit of Quantification. STP- Standard Testing Procedure
End of Report

Page No. 03 of 03



NOTE: a) The results are valid only to the tested samples & applicable parameters
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Test Report

Sample Number:	VEL /GW/03	Report No.:	VEL/W/2602260003
Name & Address of Party:	M/s Chambal Fertilizers & Chemical Ltd P.O- Gadepan, Kota, Rajasthan	Format No.:	7.8 F 03
		Party Reference No.:	CFCL/PUR/260/ 45021800
		Reporting Date:	10/03/2026
Sample Description:	Ground Water	Period of Analysis:	26/02/2026 to 10/03/2026
Sampling Location:	Village- Gadepan	Receipt Date:	26/02/2026
Sample Collected by:	Vardan Envirolab Representative	Sampling Date:	25/02/2026
Preservation:	Refrigerated.	Sampling Type:	Grab
Sampling & Analysis Protocol:	APHA, IS & STP	Sample Quantity:	5.0 Ltr.

TEST RESULTS

S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
1.	pH (at 25 °C)	IS 3025 (Part 11):2022 (Using by Electrode)	7.40	--	6.5 to 8.5	No Relaxation
2.	Total Dissolved Solids	IS:3025:P-16: 2023(Gravimetric Method)	779.00	mg/l	500	2000
3.	Alkalinity as CaCO ₃	IS:3025:Part 23:2023(Indicator Method)	357.25	mg/l	200	600
4.	Total Hardness as CaCO ₃	IS 3025:P-21:2009(EDTA Method)	382.72	mg/l	200	600
5.	Nitrate as NO ₃	APHA 24th Edition :2023,4500 NO3. B Screening Method	21.45	mg/l	45	No Relaxation
6.	Chloride as Cl	IS:3025:Part 32:1988 (Argentometric Method)	195.29	mg/l	250	1000
7.	Sulphate as SO ₄	IS:3025(Part 24/Sec-1):2022 (Turbidity Method)	71.42	mg/l	200	400
8.	Calcium as Ca	IS: 3025:P-40: 1991(EDTA Titrimetric Method)	92.14	mg/l	75	200
9.	Fluoride as F	APHA 4500 F-D: 24 th Edition : 2023 (SPADNS Method)	1.27	mg/l	1.0	1.5
10.	Iron as Fe	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	0.12	mg/l	0.3	No relaxation
11.	Arsenic as As	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.01	0.05
12.	Mercury as Hg	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.0005)	mg/l	0.001	No relaxation
13.	Lead as Pb	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.01	No relaxation
14.	Cadmium (as Cd)	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.003	No relaxation

Page No. 01 of 03



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Sample No.: VEL /GW/03

Test Report

Report No.: VEL/W/2602260003

S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
15.	Boron as B	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	0.5	2.4
16.	Total Chromium	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.05	No relaxation
17.	Copper as Cu	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.05	1.5
18.	Zinc as Zn	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	5	15
19.	Selenium as Se	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.001)	mg/l	0.01	No relaxation
20.	Turbidity	IS: 3025 (P-10)	BLQ(**LOQ 1.0)	NTU	1	5
21.	Aluminium as Al	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.03	0.2
22.	Manganese as Mn	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	0.1	0.3
23.	Oil & Grease	IS: 3025(P-39):2021(GravimetricMethod)	BLQ(**LOQ 0.4)	mg/l	NA	NA
24.	Residual free Chlorine	IS:3025:P-26:2021 (Colorimetric Method using)	BLQ(**LOQ 0.15)	mg/l	0.2	1
25.	Cyanide as CN	IS:3025(P-27/Sec1):2021(Pyridine Barbituric Acid Method)	*BLQ(**LOQ 0.02)	mg/l	0.05	No relaxation
26.	Colour	IS:3025 (Part-4) :2021 (Visual Comparison Method)	*BLQ(**LOQ 1.0)	Hazen	5	15
27.	Odour	IS:3025 Part-5: 2018	Agreeable	--	Agreeable	Agreeable
28.	Taste	IS:3025:Part-8:2023	Agreeable	--	Agreeable	Agreeable
29.	Anionic Detergents as MBAS	IS:3025:P-68:2019 (Methylene Blue Method)	*BLQ(**LOQ 0.05)	mg/l	0.2	1.0
30.	Phenolic Compounds	IS:3025 (Part-43/Sec-1):2022 (Without Chloroform extraction)	*BLQ(**LOQ 0.0004)	mg/l	0.001	0.002
31.	P.P.-DDT or 4,4-DDT	VEL/STP/W-01, Issue No. - 01, 01/11/2021	BLQ(**LOQ 0.01)	µg/l	--	1
32.	Alachlor	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	20
33.	Atrazine	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
34.	Aldrin	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.03
35.	Alpha HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.01
36.	Beta HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.04
37.	Delta HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.04



Page No. 02 of 03

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Test Report

Sample No.: VEL /GW/03			Report No.: VEL/W/2602260003			
S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
38.	Endosulfan (alpha,beta and sulphate)	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.4
39.	Gamma-HCH	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
40.	Malathion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	190
41.	Methyl Parathion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.3
42.	2,4, Dichlorophenoxyacetic acid	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	30
43.	Ethion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	3
44.	Isoproturon	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	9
45.	Monochrotophos	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	1
46.	Phorate	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
47.	Buta chlor	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	125
48.	Chlorpyriphos	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	0.0005	30

Note:- *BLQ -Below Limit of Quantification, **LOQ- Limit of Quantification. STP- Standard Testing Procedure
End of Report

Page No. 03 of 03



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Test Report

Sample Number:	VEL/GW/02	Report No.:	VEL/W/2602260002
Name & Address of Party:	M/s Chambal Fertilizers & Chemical Ltd P.O- Gadepan, Kota, Rajasthan	Format No.:	7.8 F 03
Sample Description:	Ground Water	Party Reference No.:	CFCL/PUR/260/ 45021800
Sampling Location:	Village- Pachera ki Jhopari	Reporting Date:	10/03/2026
Sample Collected by:	Vardan EnviroLab Representative	Period of Analysis:	26/02/2026 to 10/03/2026
Preservation:	Refrigerated	Receipt Date:	26/02/2026
Sampling & Analysis Protocol:	APHA, IS & STP	Sampling Date:	25/02/2026
		Sampling Type:	Grab
		Sample Quantity:	5.0 Ltr.

TEST RESULTS

S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
1.	pH (at 25 °C)	IS 3025 (Part 11):2022 (Using by Electrode)	7.64	--	6.5 to 8.5	No Relaxation
2.	Total Dissolved Solids	IS:3025:P-16: 2023(Gravimetric Method)	650.00	mg/l	500	2000
3.	Alkalinity as CaCO ₃	IS:3025:Part 23:2023(Indicator Method)	189.10	mg/l	200	600
4.	Total Hardness as CaCO ₃	IS 3025:P-21:2009(EDTA Method)	296.08	mg/l	200	600
5.	Nitrate as NO ₃	APHA 24th Edition :2023,4500 NO3. B Screening Method	12.36	mg/l	45	No Relaxation
6.	Chloride as Cl	IS:3025:Part 32:1988 (Argentometric Method)	189.56	mg/l	250	1000
7.	Sulphate as SO ₄	IS:3025(Part 24/Sec-1):2022 (Turbidity Method)	96.36	mg/l	200	400
8.	Calcium as Ca	IS: 3025:P-40: 1991(EDTA Titrimetric Method)	85.69	mg/l	75	200
9.	Fluoride as F	APHA 4500 F-D: 24 th Edition : 2023 (SPADNS Method)	0.88	mg/l	1.0	1.5
10.	Iron as Fe	VEL/W/STP/03, Issue No. -01, Issue date- 01/11/2023:2023	0.12	mg/l	0.3	No relaxation
11.	Arsenic as As	VEL/W/STP/03, Issue No. -01, Issue date- 01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.01	0.05
12.	Mercury as Hg	VEL/W/STP/03, Issue No. -01, Issue date- 01/11/2023:2023	BLQ(**LOQ 0.0005)	mg/l	0.001	No relaxation
13.	Lead as Pb	VEL/W/STP/03, Issue No. -01, Issue date- 01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.01	No relaxation
14.	Cadmium (as Cd)	VEL/W/STP/03, Issue No. -01, Issue date- 01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.003	No relaxation

Page No. 01 of 03



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Sample No.: VEL /GW/02

Test Report

Report No.: VEL/W/2602260002

S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
15.	Boron as B	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	0.5	2.4
16.	Total Chromium	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.05	No relaxation
17.	Copper as Cu	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.05	1.5
18.	Zinc as Zn	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	5	15
19.	Selenium as Se	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.001)	mg/l	0.01	No relaxation
20.	Turbidity	IS: 3025 (P-10)	BLQ(**LOQ 1.0)	NTU	1	5
21.	Aluminium as Al	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.03	0.2
22.	Manganese as Mn	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	0.1	0.3
23.	Oil & Grease	IS: 3025(P-39):2021(Gravimetric Method)	BLQ(**LOQ 0.4)	mg/l	NA	NA
24.	Residual free Chlorine	IS:3025:P-26:2021 (Colorimetric Method using)	BLQ(**LOQ 0.15)	mg/l	0.2	1
25.	Cyanide as CN	IS:3025(P-27/Sec1):2021(Pyridine Barbituric Acid Method)	*BLQ(**LOQ 0.02)	mg/l	0.05	No relaxation
26.	Colour	IS:3025 (Part-4) :2021 (Visual Comparison Method)	*BLQ(**LOQ 1.0)	Hazen	5	15
27.	Odour	IS:3025 Part-5: 2018	Agreeable	--	Agreeable	Agreeable
28.	Taste	IS:3025:Part-8:2023	Agreeable	--	Agreeable	Agreeable
29.	Anionic Detergents as MBAS	IS:3025:P-68:2019 (Methylene Blue Method)	*BLQ(**LOQ 0.05)	mg/l	0.2	1.0
30.	Phenolic Compounds	IS:3025 (Part-43/Sec-1):2022 (Without Chloroform extraction)	*BLQ(**LOQ 0.0004)	mg/l	0.001	0.002
31.	P.P.-DDT or 4,4-DDT	VEL/STP/W-01, Issue No. - 01, 01/11/2021	BLQ(**LOQ 0.01)	µg/l	--	1
32.	Alachlor	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	20
33.	Atrazine	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
34.	Aldrin	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.03
35.	Alpha HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.01
36.	Beta HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.04
37.	Delta HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.04

Page No. 02 of 03



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Test Report

Sample No.: VEL /GW/02					Report No.: VEL/W/2602260002	
S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
38.	Endosulfan (alpha,beta and sulphate)	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.4
39.	Gamma-HCH	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
40.	Malathion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	190
41.	Methyl Parathion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.3
42.	2,4, Dichlorophenoxyacetic acid	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	30
43.	Ethion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	3
44.	Isoproturon	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	9
45.	Monochrotophos	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	1
46.	Phorate	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
47.	Buta chlor	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	125
48.	Chlorpyriphos	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	0.0005	30

Note:- *BLQ -Below Limit of Quantification, **LOQ- Limit of Quantification. STP- Standard Testing Procedure
End of Report

Page No. 03 of 03



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Test Report

Sample Number:	VEL /GW/01	Report No.:	VEL/W/2602260001
Name & Address of Party:	M/s Chambal Fertilizers & Chemical Ltd P.O- Gadepan, Kota, Rajasthan	Format No.:	7.8 F 03
		Party Reference No.:	CFCL/PUR/260/ 45021800
		Reporting Date:	10/03/2026
Sample Description:	Ground Water	Period of Analysis:	26/02/2026 to 10/03/2026
Sampling Location:	Village- Pachera	Receipt Date:	26/02/2026
Sample Collected by:	Vardan EnviroLab Representative	Sampling Date:	25/02/2026
Preservation:	Refrigerated.	Sampling Type:	Grab
Sampling & Analysis Protocol:	APHA, IS & STP	Sample Quantity:	5.0 Ltr.

TEST RESULTS

S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
1.	pH (at 25 °C)	IS 3025 (Part 11):2022 (Using by Electrode)	7.03	--	6.5 to 8.5	No Relaxation
2.	Total Dissolved Solids	IS:3025:P-16: 2023(Gravimetric Method)	1845.0	mg/l	500	2000
3.	Alkalinity as CaCO ₃	IS:3025:Part 23:2023(Indicator Method)	294.12	mg/l	200	600
4.	Total Hardness as CaCO ₃	IS 3025:P-21:2009(EDTA Method)	596.36	mg/l	200	600
5.	Nitrate as NO ₃	APHA 24th Edition :2023,4500 NO3. B Screening Method	30.12	mg/l	45	No Relaxation
6.	Chloride as Cl	IS:3025:Part 32:1988 (Argentometric Method)	694.82	mg/l	250	1000
7.	Sulphate as SO ₄	IS:3025(Part 24/Sec-1):2022 (Turbidity Method)	335.66	mg/l	200	400
8.	Calcium as Ca	IS: 3025:P-40: 1991(EDTA Titrimetric Method)	190.10	mg/l	75	200
9.	Fluoride as F	APHA 4500 F-D: 24 th Edition : 2023 (SPADNS Method)	1.00	mg/l	1.0	1.5
10.	Iron as Fe	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	0.13	mg/l	0.3	No relaxation
11.	Arsenic as As	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.01	0.05
12.	Mercury as Hg	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.0005)	mg/l	0.001	No relaxation
13.	Lead as Pb	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.01	No relaxation
14.	Cadmium (as Cd)	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.003	No relaxation

Page No. 01 of 03



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Sample No.: VEL /GW/01

Test Report

Report No.: VEL/W/2602260001

S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Desirable limit (Max.)	Permissible limit in the Absence of Alternate Source (Max.)
15.	Boron as B	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	0.5	2.4
16.	Total Chromium	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.05	No relaxation
17.	Copper as Cu	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.05	1.5
18.	Zinc as Zn	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	5	15
19.	Selenium as Se	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.001)	mg/l	0.01	No relaxation
20.	Turbidity	IS: 3025 (P-10)	BLQ(**LOQ 1.0)	NTU	1	5
21.	Aluminium as Al	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.002)	mg/l	0.03	0.2
22.	Manganese as Mn	VEL/W/STP/03, Issue No. -01, Issue date-01/11/2023:2023	BLQ(**LOQ 0.01)	mg/l	0.1	0.3
23.	Oil & Grease	IS: 3025(P-39):2021(GravimetricMethod)	BLQ(**LOQ 0.4)	mg/l	NA	NA
24.	Residual free Chlorine	IS:3025:P-26:2021 (Colorimetric Method using)	BLQ(**LOQ 0.15)	mg/l	0.2	1
25.	Cyanide as CN	IS:3025(P-27/Sec1):2021(Pyridine Barbituric Acid Method)	*BLQ(**LOQ 0.02)	mg/l	0.05	No relaxation
26.	Colour	IS:3025 (Part-4) :2021 (Visual Comparison Method)	*BLQ(**LOQ 1.0)	Hazen	5	15
27.	Odour	IS:3025 Part-5: 2018	Agreeable	--	Agreeable	Agreeable
28.	Taste	IS:3025:Part-8:2023	Agreeable	--	Agreeable	Agreeable
29.	Anionic Detergents as MBAS	IS:3025:P-68:2019 (Methylene Blue Method)	*BLQ(**LOQ 0.05)	mg/l	0.2	1.0
30.	Phenolic Compounds	IS:3025 (Part-43/Sec-1):2022 (Without Chloroform extraction)	*BLQ(**LOQ 0.0004)	mg/l	0.001	0.002
31.	P.P.-DDT or 4,4-DDT	VEL/STP/W-01, Issue No. - 01, 01/11/2021	BLQ(**LOQ 0.01)	µg/l	--	1
32.	Alachlor	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	20
33.	Atrazine	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
34.	Aldrin	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.03
35.	Alpha HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.01
36.	Beta HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.04
37.	Delta HCH	VEL/W/STP/ 01, Issue No-01, Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	0.04

Page No. 02 of 03



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Test Report

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42.	2,4, Dichlorophenoxyacetic acid	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	30
43.	Ethion	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	3
44.	Isoproturon	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	9
45.	Monochrotophos	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	1
46.	Phorate	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	2
47.	Buta chlor	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	--	125
48.	Chlorpyriphos	VEL/W/STP/ 01, Issue No-01,Issue date 01/11/2023	BLQ(**LOQ 0.01)	µg/l	0.0005	30

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