

TEST REPORT

Doc. No : GTL/D/7.5/02

ULR-TC596126700006970F

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Report Issued To : Amster Microcell Pvt. Ltd. Survey No : 131, Chadasna, Nr. D.K. Industrial Estate B/H. Chhatral GIDC, Phase-III, Chhatral-Ambapura Road, Kadi, Mehsana, Gujarat Phone No : 9714592808 Email : info@amstermicrocell.com	Test Report No : GTL/03260729010 Date of Receipt : 25/07/2026 Date of Issue : 29/07/2026 Customer's Ref. No : N.M
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Sample Described as : Drinking Water. Sample Qty : 10 Ltr + 500 ml Packing Mode : Sample Packed in Plastic Container & Sterile Container Sample Condition : Satisfactory Marking : D.M.Water Sample Drawn By : Customer Date of Starting of Test : 25/07/2026	Mfg. Date : N.M. Exp. Date : N.M. B.No : N.M Date of Completion : 29/07/2026
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Sr No	Test Parameters	IS:10500 Requirement (Acceptable Limit)	IS:10500 Permissible Limit in the Absense of Alternate Source	Result	Quant. Limit	Test Method
Chemical Water						
1	Colour, Hazen Unit	Max 5.0	Max. 15.0	<1	1	IS:3025(P-4)
2	Odour	Agreeable	Agreeable	Agreeable	--	IS:3025(P-5)
3	pH at 25 Deg C	6.5 to 8.5	No Relaxation	6.67	1	IS:3025(P-11)
4	Taste	Agreeable	Agreeable	Agreeable	--	IS:3025(P-7 & 8)
5	Turbidity, NTU	Max. 1.0	Max. 5.0	<0.1	0.1	IS:3025(P-10)
6	Total Dissolved Solids, mg/l	Max.500	Max.2000	<5	5	IS:3025(P-16)
7	Aluminium (as Al) mg/l	Max.0.03	Max. 0.2	B.L.Q.	0.01	IS:3025(P-55)
8	Anionic Surface active agents (as MBAS) mg/l	Max. 0.2	Max. 1.0	B.L.Q.	0.1	IS:3025(P-68)
9	Boron (as B) mg/l	Max.0.5	Max 1.0	B.L.Q.	0.05	IS:3025(P-57)
10	Calcium (as Ca), mg/l	Max.75	Max.200	B.L.Q.	0.1	IS:3025(P-40)
11	Chloride (as Cl), mg/l	Max.250	Max. 1000	B.L.Q.	0.5	IS:3025(P-32)
12	Fluoride (as F) mg/l	Max. 1.0	Max. 1.5	B.L.Q.	0.01	IS:3025(P-75)
13	Magnesium (as Mg), mg/l	Max. 30	Max. 100	B.L.Q.	0.1	IS:3025(P-46)
14	Manganese (as Mn), mg/l	Max. 0.1	Max. 0.3	B.L.Q.	0.005	IS:3025(P-65)
15	Mineral Oil mg/l	Max. 0.5	No Relaxation	B.L.Q.	0.4	IS:3025(P-39)
16	Nitrate (as NO3) mg/l	Max. 45.0	No Relaxation	B.L.Q.	1	IS:3025(P-34)
17	Phenolic Compounds (as C6H5OH) mg/l	Max. 0.001	Max. 0.002	B.L.Q.	0.0001	IS:3025(P-43) Sec 1
18	Sulphate (as SO4), mg/l	Max. 200	Max. 400	B.L.Q.	1.0	IS:3025(P-24 Sec-1)

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19	Total Alkalinity as Calcium Carbonate , mg/l	Max. 200	Max. 600	B.L.Q.	0.5	IS:3025(P-23)
20	Total Hardness (as CaCO ₃), mg/l	Max. 200	Max. 600	B.L.Q.	0.5	IS:3025(P-21)
21	Cyanide (as CN) mg/l	Max. 0.05	No Relaxation	B.L.Q.	0.005	IS 3025 (P-27) : Sec-1
22	Residual Free Chlorine mg/l	Min. 0.2	Max. 1.0	B.L.Q.	0.05	IS:3025(P-26)
23	Ammonia (as Total Ammonia-N) mg/l	Max. 0.5	No Relaxation	B.L.Q.	0.4	IS:3025(P-34)
24	Barium (as Ba) mg/l	Max. 0.7	No Relaxation	B.L.Q.	0.5	Anx-G of IS: 13428
25	Chloramines (as Cl ₂) mg/l	Max. 4.0	No Relaxation	B.L.Q.	0.05	IS:3025(P-26)
26	Sulphide (as H ₂ S) mg/l	Max 0.05	No Relaxation	B.L.Q.	0.05	IS:3025(P-29)
Residues and Contaminants in Water						
27	Copper (as Cu), mg/l	Max.0.05	Max.1.5	B.L.Q.	0.005	IS:3025(P-65)
28	Iron (as Fe) mg/l	Max. 0.3	No Relaxation	B.L.Q.	0.005	IS:3025(P-65)
29	Selenium (as Se) mg/l	Max. 0.01	No Relaxation	B.L.Q.	0.005	IS:3025(P-65)
30	Zinc (as Zn) mg/l	Max. 5.0	Max. 15.0	B.L.Q.	1	IS:3025(P-49)
31	Cadmium (as Cd), mg/l	Max. 0.003	No Relaxation	B.L.Q.	0.002	IS:3025(P-65)
32	Lead (as Pb), mg/l	Max. 0.01	No Relaxation	B.L.Q.	0.005	IS:3025(P-65)
33	Mercury (as Hg) mg/l	Max. 0.001	No Relaxation	B.L.Q.	0.0005	IS:3025(P-65)
34	Total Arsenic (as As) mg/l	Max. 0.01	Max. 0.05	B.L.Q.	0.005	IS:3025(P-65)
35	Total Chromium (as Cr) mg/l	Max. 0.05	No Relaxation	B.L.Q.	0.01	IS:3025(P-65)
36	Silver (as Ag) mg/l	Max. 0.1	No Relaxation	B.L.Q.	0.005	IS:3025(P-65)
37	Molybdenum (as Mo) mg/l	Max. 0.07	No Relaxation	B.L.Q.	0.03	IS:3025(P-65)
38	Nickel (as Ni), mg/l	Max. 0.02	No Relaxation	B.L.Q.	0.01	IS:3025(P-65)
39	Polychlorinated Biphenyls (PCB) mg/l	Max. 0.0005	No Relaxation	B.L.Q.	0.00002	APHA 6630 B
40	Polynuclear Aromatic Hydrocarbon (PAH) mg/l	Max. 0.0001	No Relaxation	B.L.Q.	0.00005	APHA 6440
41	Butachlor µg/l	Max.125	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
42	Isoproturon µg/l	Max.9.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
43	Alachlor µg/l	Max.20.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
44	Atrazine µg/l	Max. 2.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
45	Methyl Parathion µg/l	Max.0.3	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
46	Malathion µg/l	Max.190	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
47	o,p DDE µg/l	Max.1.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
48	p,p DDE µg/l	Max.1.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
49	o,p DDD µg/l	Max.1.0	Not Relaxation	B.L.Q.	0.01	GL/SOP/I-025
50	p,p DDD µg/l	Max.1.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
51	o,p DDT µg/l	Max.1.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
52	p,p DDT µg/l	Max.1.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025

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53	a HCH µg/l	Max.0.01	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
54	Beta HCH µg/l	Max.0.04	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
55	d HCH µg/l	Max.0.04	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
56	alfa Endosulphan µg/l	Max. 0.4	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
57	Beta endosulphan µg/l	Max. 0.4	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
58	Endosulfan Sulfate µg/l	Max. 0.4	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
59	Monocrotophos µg/l	Max. 1.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
60	Ethion µg/l	Max. 3.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
61	Lindane µg/l	Max. 2.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
62	Chlorpyrifos µg/l	Max. 30.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
63	Phorate µg/l	Max. 2.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
64	Aldrin µg/l	Max. 0.03	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
65	Dieldrin µg/l	Max. 0.03	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
66	2,4-D µg/l	Max. 30	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
Biological Water						
1	Total Coliform per 100 ml	Shall not be Detectable	Shall not be Detectable	Absent	--	IS: 15185:2016
2	E.coli per 100 ml	Shall not be Detectable	Shall not be Detectable	Absent	--	IS: 15185:2016

Remark : Sample Found CONFORM as per IS:10500-2012 (Acceptable Limit) with Amendment NO-4 for the tested parameters.

Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification, Customer requested for the above test only



For NABL Scope

Mamta Bhavsar

Reviewed By



For Verification

FOR, GUJARAT TESTLAB PVT. LTD

Hemal Darji-Krishna Amin

Autho. Signatory

*** END OF REPORT ***