





## TEST REPORT

TC-6118

ULR - TC611825000053891F  
Report No : ENO260314017-01

Page 2 of 4  
Report Date : 24 Mar 2026

S.NO	Parameter	Test Method	Unit	Results	Requirement as per IS 14543 : 2024
<b>Clause 5.3, Table 1 Organoleptic And Physical parameters</b>					
14	Colour	IS 3025 (Part 04) - 2021	TCU	Less than 1.0	2.0 Max
15	Odour	IS 3025 (Part 05) - 2018	--	Agreeable	Agreeable
16	pH at 25°C	IS 3025 (Part 11) - 2022	--	7.86	6.0 - 8.5
17	Taste	IS 3025 (Part 08) - 2023	--	Agreeable (a)	Agreeable action tendencyscale a or b or c
18	Total Dissolved Solids @ 180°C	IS 3025 (Part 16) - 2023	mg/L	90	500.0 Max
19	Turbidity	IS 3025 (Part 10) -2023	NTU	Less than 0.1	2.0 Max
<b>Clause 5.3, Table 2 General Parameters Concerning Substances Undesirable In Excessive Amounts</b>					
20	Alkalinity as HCO <sub>3</sub>	IS 3025 (Part 23) - 2023	mg/L	26	200 Max
21	Aluminium	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.001)	0.03 Max
22	Anionic Surface Active Agents as MBAS	IS 3025 (Part 68) -2019	mg/L	BLQ(LOQ:0.05)	0.2 Max
23	Antimony	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.001)	0.005 Max
24	Barium	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.001)	0.7 Max
25	Borates	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.025)	5.0 Max
26	Bromates as BrO <sub>3</sub>	IS 3025 (Part 67) - 2018	mg/L	BLQ(LOQ:0.005)	0.01 Max
27	Calcium as Ca	IS 3025 (Part 40) - 2024	mg/L	13	75 Max
28	Chloride as Cl	IS 3025 (Part 32) - 1988 (Reaffirmed 2019)	mg/L	19	200 Max
29	Copper	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.001)	0.05 Max
30	Fluoride as F	IS 3025 (Part 60) - 2008 (Reaffirmed 2019)	mg/L	BLQ(LOQ:0.1)	1.0 Max
31	Iron as Fe	IS 3025 (Part 53) - 2024	mg/L	BLQ(LOQ:0.05)	0.1 Max
32	Magnesium as Mg	IS 3025 (Part 46) - 2023	mg/L	6.0	30 Max
33	Manganese	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.001)	0.1 Max
34	Mineral Oil	IS 3025 (Part 39) - 2021	mg/L	BLQ(LOQ:1.00)	1.0 Max
35	Nitrate as NO <sub>3</sub>	IS 3025 (Part 34) Sec 1 - 2023	mg/L	BLQ(LOQ:1.0)	45 Max
36	Nitrite as NO <sub>2</sub>	IS 3025 (Part 34) Sec 1 - 2023	mg/L	BLQ(LOQ:0.01)	0.02 Max
37	Phenolic Compound as C <sub>6</sub> H <sub>5</sub> OH	IS 3025 (Part 43) Sec 1 - 2022	mg/L	BLQ(LOQ:0.001)	0.001 Max
38	Residual Free Chlorine	IS 3025 (Part 26) - 2021	mg/L	BLQ(LOQ:0.1)	0.2 Max

**M. Sarathkumar**  
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai, Tamil Nadu, India

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted.



## TEST REPORT

TC-6118

ULR - TC611825000053891F  
Report No : ENO260314017-01

Page 3 of 4  
Report Date : 24 Mar 2026

S.NO	Parameter	Test Method	Unit	Results	Requirement as per IS 14543 : 2024
39	Selenium	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.001)	0.01 Max
40	Silver	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.001)	0.01 Max
41	Sodium as Na	IS 3025 (Part 45) - 2024	mg/L	BLQ(LOQ:1.0)	200 Max
42	Sulphate as SO <sub>4</sub>	IS 3025 (Part 24) Sec 1 - 2022	mg/L	3.7	200 Max
43	Sulphide as H <sub>2</sub> S	IS 3025 (Part 29) - 2022	mg/L	BLQ(LOQ:0.02)	0.05 Max
44	Zinc	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.001)	5.0 Max
<b>Clause 5.3, Table 3 Parameters Concerning Toxic Substances</b>					
45	Arsenic	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.001)	0.01 Max
46	Cadmium	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.001)	0.003 Max
47	Cyanide as CN	IS 3025 (Part 27) Sec 1 - 2021	mg/L	Absent*	Absent
48	Lead	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.001)	0.01 Max
49	Mercury	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.0005)	0.001 Max
50	Nickel	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.001)	0.02 Max
51	PAHs	SMSLA/GC/SOP/30 - 2024	mg/L	ND(LOQ:0.00001)each	Not Detectable
52	PCBs	SMSLA/GC/SOP/30 - 2024	mg/L	ND(LOQ:0.00001)each	Not Detectable
53	Total Chromium	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.001)	0.05 Max
54	Uranium	IS 3025 (Part 65) - 2025	mg/L	BLQ(LOQ:0.001)	0.03 Max
<b>Clause 5.4 &amp; 5.4.1, Annex D Pesticides Residues</b>					
55	2,4-D	SMSLA/LS/SOP/01 - 2024	mg/L	BLQ(LOQ:0.00001)	0.0001 Max
56	Alachlor	SMSLA/GC/SOP/30 - 2024	mg/L	BLQ(LOQ:0.00001)	0.0001 Max
57	Aldrin and dieldrin	SMSLA/GC/SOP/30 - 2024	mg/L	BLQ(LOQ:0.00001)	0.0001 Max
58	Atrazine	SMSLA/GC/SOP/30 - 2024	mg/L	BLQ(LOQ:0.00001)	0.0001 Max
59	Butachlor	SMSLA/GC/SOP/30 - 2024	mg/L	BLQ(LOQ:0.00001)	0.0001 Max
60	Chlorpyrifos Ethyl	SMSLA/GC/SOP/30 - 2024	mg/L	BLQ(LOQ:0.00001)	0.0001 Max
61	DDT (o,p & p,p-isomers of DDT, DDE & DDD)	SMSLA/GC/SOP/30 - 2024	mg/L	BLQ(LOQ:0.00001)	0.0001 Max
62	Endosulfan (Alpha, Beta and Sulphate)	SMSLA/GC/SOP/30 - 2024	mg/L	BLQ(LOQ:0.00001)	0.0001 Max
63	Ethion	SMSLA/GC/SOP/30 - 2024	mg/L	BLQ(LOQ:0.00001)	0.0001 Max
64	Gamma-HCH (Lindane)	SMSLA/GC/SOP/30 - 2024	mg/L	BLQ(LOQ:0.00001)	0.0001 Max
65	Isoproturon	SMSLA/LS/SOP/01 - 2024	mg/L	BLQ(LOQ:0.00001)	0.0001 Max
66	Monocrotophos	SMSLA/LS/SOP/01 - 2024	mg/L	BLQ(LOQ:0.00001)	0.0001 Max
67	Total Pesticides Residue	SMSLA/GC/SOP/30 - 2024 / SMSLA/LS/SOP/01 - 2024	mg/L	BLQ(LOQ:0.00001)	0.0005 Max

M.R.C

**M. Sarathkumar**  
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai, Tamil Nadu, India

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted.



## TEST REPORT



TC-6118

ULR - TC611825000053891F  
Report No : ENO260314017-01

Page 4 of 4  
Report Date : 24 Mar 2026

S.NO	Parameter	Test Method	Unit	Results	Requirement as per IS 14543 : 2024
68	$\alpha$ , $\beta$ and $\delta$ HCH	SMSLA/GC/SOP/30 - 2024	mg/L	BLQ(LOQ:0.00001)	0.0001 Max
<b>Pesticides</b>					
69	Malaaxon	SMSLA/LS/SOP/01 - 2024	mg/L	BLQ(LOQ:0.000005)	0.0001 Max
70	Malathion	SMSLA/LS/SOP/01 - 2024	mg/L	BLQ(LOQ:0.000005)	0.0001 Max
71	Paraoxon methyl	SMSLA/LS/SOP/01 - 2024	mg/L	BLQ(LOQ:0.000005)	0.0001 Max
72	Parathion methyl	SMSLA/LS/SOP/01 - 2024	mg/L	BLQ(LOQ:0.000005)	0.0001 Max
73	Phorate sulfone	SMSLA/LS/SOP/01 - 2024	mg/L	BLQ(LOQ:0.000005)	0.0001 Max
74	Phorate sulfoxide	SMSLA/LS/SOP/01 - 2024	mg/L	BLQ(LOQ:0.000005)	0.0001 Max
75	Phorate	SMSLA/LS/SOP/01 - 2024	mg/L	BLQ(LOQ:0.00001)	0.0001 Max

Note : CFU: Colony Forming Unit. BLQ: Below Quantification Limit, LOQ: Limit of Quantification. <1 can be taken as absent.  
NTU : Nephelometric Turbidity Units. \*Absent- BLQ (LOQ: 0.01) ND - Not Detectable. TCU: True Colour Unit.

Remarks : The Purified Water Sample Conforms to the Requirement of IS 14543 : 2024 With Respect to the Parameters tested above.

/\*\*\*\*\* End of the Report \*\*\*\*\*/

  
**M. Sarathkumar**  
Authorized Signatory-Chemical