



GLOBAL WATER SYSTEMS

R.O. SYSTEM ,Solar ,UPS,SALES & SERVICE

No 9,Vellore Main Road ,Masapet, Arcot – 632 503 Vellore District

Cell: 9500301501/ 9444112198 Email Id: ethavan@gmail.com

GST No : Our GST NO: 33AAHPE3824H2Z2



Sample No: GWS/2025/535-C

Date: 28-06-2025

Customer Name : BRILLS VIDYASHRAM SCHOOL,No-81,Kathiyavadi Road, Arcot.

Sample : ro Permeate Water

S.No	Parameters	Requirement as per IS 10500-2012	Permissible Limit	Results Ro Water
1	Colour (TCU)	5	15	<1
2	Odour	Agreeable	Agreeable	Agreeable
3	Conductivity	----	-----	65 us/cm
4	Turbidity , NTU	1	5	<0.1
5	PH Value @25 Deg.C	6.5 - 8.5	No relaxation	7.02
6	Total Dissolved Solids in ppm	500 mg/lit	2000 mg/lit	52 mg/lit
7	Total Hardness as CaCO3	200 mg/lit	600 mg/lit	35 mg/lit
8	Carbonate Hardness as CaCO3	---	----	17 mg/lit
9	Non - Carbonate Hardness as CaCO3	---	----	18 mg/lit
10	Phenolphthalein Alkalinity as CaCO3	---	----	Nil
11	Total Alkalinity as CaCO3	200 mg/lit	600 mg/lit	15 mg/lit
12	Calcium as Ca	75 mg/lit	200 mg/lit	5.4 mg/lit
13	Magnesium as Mg	30 mg/lit	100 mg/lit	2.6 mg/lit
14	Chloride as Cl	250 mg/lit	1000 mg/lit	12 mg/lit
15	Sulphate as SO4	200 mg/lit	400 mg/lit	<0.01 mg/lit
16	Iron as Fe	0.3 mg/lit	No relaxation	<0.01 mg/lit
17	Nitrate as No3	45 mg/lit	No relaxation	<0.1 mg/lit
18	Silica as SiO2	----	----	<0.01 mg/lit

The above water Sample is suitable for Drinking Usage as per IS 10500-2012 with respect to the above tests.

for GLOBAL WATER SYSTEMS

A.ERAI MOZHI



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GST No : Our GST NO: 33AAHPE3824H2Z2



Sample No: GWS/2025/535-MB

Date: 28-06-2025

Customer Name : BRILLS VIDYASHRAM SCHOOL,No-81,Kathiyavadi Road, Arcot.

Sample Described by the Customer: Clear Free from Sediments & Extraneous Water

Sample : RO Product water

Test for : MICROBIOLOGICAL Parameters (Clause 5.1)

S.NO	PARAMETERS	TEST PROTOCOL	TEST RESULTS Per 250 ml	Requirements as per IS 14543.2016
1	Faecal Streptococci	IS 15186.2012	Absent	Absent
2	Staphylococcus Aureus	IS 5887(Part2),1976	Absent	Absent
3	Salmonella	IS 5887 ,2016	Absent	Absent
4	Shigella	IS 5887(Part7),1999	Absent	Absent
5	Vibrio Cholerae	IS 5887(Part5),1976	Absent	Absent
6	Vibrio Parahaemolyticus	IS 5887(Part2),1976	Absent	Absent

Disclaimer : All the above test parameters are carried out with the sample "as received condition". The results relate only to the items tested. This report is valid strictly for the sample submitted for analysis to our lab and not be under any circumstance extrapolated to any other products made out of this sample.

The above water Sample is suitable for Dialysis as per IS 10500-2012 with respect to the above tests.

for **GLOBAL WATER SYSTEM**

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