Basic Enviro Service
Analytical and Research laboratory
Qualité et Précision

Test Report

Report no: BES26202236 **Date:** 01/06/2026

Customer name: M/s KV No-1 Jipmer Campus, Dhanvantri nagar , Puducherry	Sample description : RO Water
	Received on : 29/05/2026
	Analysis started on : 29/05/2026
	Analysis Completed : 01/06/2026
	Sample collected by: Customer
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S.NO	Parameters	Requirement as per IS-10500-2012	Permissible limit in absence of alternate Source	Result
1	Colour	5 HU ,Max	15 HU, Max	1
2	Odour	Agreeable	Agreeable	Agreeable
3	Conductivity	…	…	42 µS/cm
4	Turbidity	1 NTU ,Max	5 NTU, Max	< 1
5	pH	6.5 - 8.5	6.5 - 8.5	**5.96**
6	Total Dissolved solids	500 mg/l ,Max	2000mg/l, Max	24
7	Total hardness(as caco3)	200 mg/l ,Max	600 mg/l, Max	12
8	Carbonate hardness (as caco3)	…	…	12
9	Non Carbonate hardness (as caco3)	…	…	2.0
10	Phenolphthalein Alkalinity (as caco3)	…	…	Nil
11	Methyl orange Alkalinity (as caco3)	200 mg/l ,Max	600 mg/l, Max	12
12	Calcium (as ca)	75 mg/l ,Max	200 mg/l, Max	2.4
13	Magnesium (as Mg)	30 mg/l ,Max	100 mg/l, Max	1.4
14	Chloride (as Cl)	250 mg/l, Max	1000 mg/l, Max	8.0
15	Sulphate (as So4)	200 mg/l ,Max	400 mg/l, Max	2.0
16	Iron (as Fe)	1.0 mg/l ,Max	1.0 mg/l, Max	< 0.05
17	Free residual Chlorine (mg/l)	0.2 Max	1.0mg/l, Max	Nil
18	Silica as SiO2 (mg/l)	…	…	< 2.0

Authorized signatory : _____

BASIC ENVIRO SERVICE PONDICHERRY

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