



KESHAV RAMTA LABS

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AN ISO 9001 : 2015

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TEST REPORT

A.P. Govt Regd No :88/2010

Report no: 8040 07 22
Reporting Date: 29/07/22
Collected On: 27/07/22
Received on: 28/07/22
Sample Particulars: R O WATER

Issued to
M/s. VYBHAVI MPL

PHYSICAL PARAMETERS / UNITS

S. No.	PARAMETERS / UNITS	RESULT	IS: 14543:2016 PACKAGED DRINKING WATER DESIRABLE LIMITS	DRINKING WATER SPECIFICATION IS 10500 : 2012 REQUIREMENT (ACCEPTABLE LIMIT	TEST METHOD
1	Color (Hazen Units)	< 2	2	5	3025 (part 4)
2	Odour (agreeable/not agreeable)	Agreeable	AGREEABLE	AGREEABLE	3025 (part 5)
3	Taste (agreeable/not agreeable)	Agreeable	AGREEABLE	AGREEABLE	3025 (part 8)
4	Turbidity (NTU)	Nil	2	1	3025 (part 10)
5	pH	6.02	6.0 to 8.5	6.5 to 8.5	3025 (part 11)
6	Electrical Conductivity (micro mhos)	84	-----	-----	3025 (part 14)
7	Total Dissolved Solids (mg/l)	46	500	500	3025 (part 15)

CHEMICAL PARAMETERS/UNITS

1	Alkalinity to Phenolphthalein as CaCO ₃ (mg/l)	Nil	-----	-----	3025 (part 23)
2	Alkalinity to Methyl orange as CaCO ₃ (mg/l)	24	200	200	3025 (part 23)
3	Total Hardness as CaCO ₃ (mg/l)	12	200	3025 (part 21)
4	Calcium as Ca [as CaCO ₃] (mg/l)	1.6 [4]	75	75	3025 (part 40)
5	Magnesium as Mg [as MgCO ₃] (mg/l)	1.9 [8]	30	30	3025 (part 46)
6	Chloride as Cl (mg/l)	8.5	200	250	3025 (part 32)
7	Sulphate as SO ₄ (mg/l)	1.8	200	200	3025 (part 24)
8	Nitrite as NO ₂ (mg/l)	0.09	0.02	-----	3025 (part 34)
9	Ammonical Nitrogen	NIL	-----	0.5
10	Fluoride as F (mg/l)	0.1	1.0	1.0	Clause 23 of IS 3025
11	Residual free chlorine (mg/l)	Nil	0.2	0.2	3025 (part 26)
12	Iron as (Fe) (mg/l)	0.02	0.1	0.3	3025 (part 53)
13	Silica as (SiO ₂) (mg/l)	1.1	APHA (Part- 425 C)

NOTE: Sample is not drawn by KESHAV RAMTA Labs.

Note : The results relate(s) only to the sample tested



J S Rao
Lab In-charge