



OTH/QC/RF/25

# OMEGA TEST HOUSE

Lab : J-889, Sitapura Industrial Area, Jaipur (Raj.)-302 022

Head Office : 2/60, Malviya Nagar , Jaipur (Raj.)-302 017

Contact : 09414074020, 09829051363, 0141-2521969, Email: omegatesthouse@gmail.com

## TEST REPORT

Sample Name	Drinking Water (R.O.)	Sample Code	2203276
Report No.	OTH/RN-20221169	Report Issue date	22/03/2022
ULR No.	TC733122000001169F	Page No.	01 OF 01
Reference to Sampling	QCOI008	Sample Collected By	Lab Representative

Customer Name & Address:		Sample Receiving Date:	14/03/2022
Janaki Devi School , Pratap Nagar, Jaipur.		Date of Testing	15/03/2022
		Date of Completion	21/03/2022
		Sample Qty. & Condition	1 Ltr. & Ok
Environmental Conditions Under which test performed	Room Temperature	Registration No.	RAJ.1713/012971

Appearance: - Clear Colorless Liquid.

### CHEMICAL ANALYSIS

S.No	Parameters	Results	Test Method	Units	Limits IS : 10500/2012 Desirable Limit/ Rejection Limit
1.	Odour	Agreeable	IS : 3025 (P-5)	NA	Agreeable
2.	Turbidity	Nil	IS : 3025 (P-10)	NTU	1 Max./5 Max
3.	pH	7.68	IS : 3025 (P-11)	NA	6.5 to 8.5
4.	Total Dissolved Solids,	190	IS : 3025 (P-16)	mg/l.	500 Max. / 2000 Max.
5.	Total Hardness as CaCO <sub>3</sub>	28.02	IS : 3025 (P-21)	mg/l.	200 Max./ 600 Max.
6.	Calcium Hardness as Ca	3.20	IS : 3025 (P-40)	mg/l.	75 Max./ 200 Max.
7.	Magnesium Hardness as Mg	4.86	IS : 3025 (P-46)	mg/l.	30 Max./100 Max.
8.	Chloride as Cl,	43.93	IS : 3025 (P-32)	mg/l.	250 Max./ 1000 Max.
9.	Alkalinity to (P) as CaCO <sub>3</sub>	Nil	IS : 3025 (P-23)	mg/l.	-----
10.	Alkalinity to (M) as CaCO <sub>3</sub>	104.60	IS : 3025 (P-23)	mg/l.	200 Max./ 600 Max.
11.	Nitrate as NO <sub>3</sub>	2.36	IS : 3025 (P-34)	mg/l.	45 Max./No relaxation
12.	Sulphate as SO <sub>4</sub>	8.58	IS : 3025 (P-24)	mg/l.	200 Max./ 400 Max.
13.	Iron as Fe	BDL(<0.01)	IS : 3025 (P-53)	mg/l.	0.3 Max./ No relaxation
14.	Fluoride as F	BDL(<0.05)	IS : 3025 (P-60)	mg/l.	1.0 Max./ 1.5 Max.
15.	Sodium as Na	87.62	IS : 3025 (P-45)	mg/l.	150 Max

### MICROBIOLOGICAL ANALYSIS

1.	<i>E.coli</i> / 100 ml	Absent/100 ml	IS : 15185-2016	Present or Absent/100 ml	Shall not be detectable in any 100 ml of sample
2.	Coliform/ 100 ml	Absent/100 ml	IS : 15185-2016	Present or Absent/100 ml	Shall not be detectable in any 100 ml of sample

Note: - 1. BDL- Below Detection Limit, NA- Not Applicable

2. The results relate only to items tested.

3. The information about the sample provided by customer.

END OF REPORT



(Microbiologist)  
Authorized Signatory



(Quality Manager)  
Authorized Signatory

#### NOTE:

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