



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
District Water quality Testing Laboratory Bangalore Rural
Address: In Taluk Panchayath premises, Doddaballapur-561203

TEST REPORT

SAMPLE LOCATION : EKTA SCHOOL surv no 112				Report date :16/03/2024	
TALUK : DEVANAHALLI				Reference : test request form	
GRAM PANCHAYATH : NALLURU				Sample receipt date: 11/03/2024	
VILLAGE : NALLURU CHANNARAYAPATNA HOBLI				Sample code: DEV24PVT0001	
				Date of Sample collection: 07/02/2024	
				Analysis start date: 15/03/2024	
				Analysis completion date: 15/03/2024	
Sample Particulars : RO WATER				Sample collection protocol: APHA Method	
				Sample quantity:1000ML	
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description:					
1.	pH Value @25.2 ^o CTemp	7.4	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, μ S/cm @25.2 ^o C Temp	78	-	-	IS 3025 (Part-14) : 2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):2017
5.	Colour, Hazen Units	<5	5	15	IS 3025 (Part-4) :2021
6.	Turbidity, NTU	0.2	1	5	IS 3025 (Part-10) : 1984
7.	Total Dissolved Solids@105 ^o C, mg/l	50	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO ₃ , mg/l	24	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO ₃ , mg/l	104.06	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	9.61	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	19.44	30	100	IS 3025 (Part-46) : 1994
12.	Chloride as Cl, mg/l	13.99	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO ₄ , mg/l	0.90	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	0.01	1	1.5	APHA 23 rd Edition
15.	Nitrate as NO ₃ , mg/l	1.2	45	No relaxation	APHA 23 rd Edition
16.	Iron as Fe, mg/l	0.003	1	No relaxation	IS 3025 (Part-53) : 2003
Remark: The given sample confirms to the Acceptable limits of IS 10500: 2012 RA:2018 Drinking water Specifications for the above Tested Parameters .					
Authorized Signatory: Murthy p Senior Analyst/Technical Manager					


Note:

- 1) The above results relate only to the sample tested.
- 2) The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- 3) Traceability: Traceability of measurements is established using CRMs traceable to National/International standards.
- 4) Samples will be discarded after 15 days from the date of report generation.
- 5) Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-

END OF THE REPORT

Page 1 of 1

For EKTA SCHOOL


Chairman

EKTA SCHOOL


PRINCIPAL

WATER QUALITY TESTING LABORATORY
Rural Drinking Water and Sanitation
Bangalore Rural
Doddaballapur-561203