



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
District water quality testing laboratory, RDWS&S Ballari

TEST REPORT					
To Principal Bala Bharathi Kendriya Vidyalaya Ballari. Location: In school (RO Treated water)				Report date: 19-07-2023	
				Report Number:RDWSBLY/01338/2023-24	
				Reference: sample submitted by customer	
				Sample receipt date: 18-07-2023	
				Sample code:BLY/July/23/01338	
				Date of Sample collection: 18-07-2023	
				Analysis start date: 18-07-2023	
Analysis completion date: 18-07-2023					
Sample collection protocol: IS 3025(Part-1)					
Sample Particulars: Treated water				Sample quantity: 1 Ltr	
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description:					
1.	pH Value @Temp 25°C	7.02	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 1983
2.	Specific Conductance,µS/cm@ Temp25°C	20	–	–	IS 3025 (Part-14) : 1984
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):1983
5.	Colour, Hazen Units	05	5	15	IS 3025 (Part-4) :1983
6.	Turbidity, NTU	0.0	1	5	IS 3025 (Part-10) : 1984
7.	Total Dissolved Solids@ 105°C, mg/l	14	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO ₃ , mg/l	48	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO ₃ , mg/l	88.07	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	4.80	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	18.4	30	100	IS 3025 (Part-46) : 1994
12.	Chloride as Cl, mg/l	11.9	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO ₄ , mg/l	2.16	200	400	IS 3025 (Part-24) : 1986
14.	Fluoride as F, mg/l	0.07	1	1.5	APHA 23 rd Edition
15.	Nitrate as NO ₃ , mg/l	0.81	45	No relaxation	APHA 23 rd Edition
16.	Iron as Fe, mg/l	0.024	1	No relaxation	IS 3025 (Part-53) : 2003
Remark: The above analysed water sample all parameters within acceptable limit.					
Analysed by: <i>MJS</i> Junior Analyst: Jadeppa M			Authorized Signatory: Technical Manager: Bheemaraja CT <i>BR</i> <i>19/7/23</i>		

Note:

RDWSD/WQMSP/TeR/01

- 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-01.