



**RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK**  
**RURAL DRINKING WATER & SANITATION DIVISION, MYSURU**  
Mysuru District Water Quality Testing Laboratory, Room No. 05, Zilla Panchayath  
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Mysuru - 570005. e-mail: rdwsd.wqmisp.mysore@gmail.com

**TEST REPORT**

Address of the sampling location/Name & address of the customer if any : Taluk : Piriapatna Location : Sermey Thoesam School , Bylakuppe	Report Date: 12-07-2023
	Report Number: MYS23DD0049
	Reference: Test Request form
	Sample receipt date: 11-07-2023
	Sample code: MYS23DD0049
	Date of Sample collection: 11-07-2023
	Analysis start date: 12-07-2023
Analysis completion date: 12-07-2023	
Sample collection protocol: RDWSD/WQMSP/SOP/23	
Sample Particulars: Borewell Water	Sample Quantity: 1Liter

Sl.No	Test	Results	Acceptable Limit IS 10500 :2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
<b>Description: Colourless Liquid</b>					
1.	pH Value @ 25.3°C	7.5	6.5 - 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @ 25.3°C	910	-	-	IS 3025 (Part-14) : 2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5):2018
4.	Colour, Hazen Units	1	5	15	IS 3025 (Part-4) :2021 Platinum Cobalt(Visual Comparison Method)
5.	Turbidity, NTU	0.8	1	5	IS 3025 (Part-10) : 1984
6.	Total Dissolved Solids@180°C, mg/l	572	500	2000	IS 3025 (Part-16) : 1984
7.	Alkalinity as $\text{CaCO}_3$ , mg/l	159.20	200	600	IS 3025 (Part-23) : 1986
8.	Total Hardness as $\text{CaCO}_3$ , mg/l	292.26	200	600	IS 3025 (Part-21) : 2009(5 EDTA method)
9.	Calcium as Ca, mg/l	62.52	75	200	IS 3025 (Part-40) : 1991(5 EDTA Titrimetric method)
10.	Magnesium as Mg, mg/l	33.05	30	100	IS 3025 (Part-46) : 1994(6 Volumetric analysis using EDTA)
11.	Chloride as Cl, mg/l	89.33	250	1000	IS 3025 (Part-32) : 1988(Argentometric method)
12.	Sulphate as $\text{SO}_4$ , mg/l	49.13	200	400	IS 3025 (Part-24) : 2022(4 Turbidity method)
13.	Fluoride as F, mg/l	0.61	1	1.5	APHA 23rd Edition, 4500-F: D
14.	Nitrate as $\text{NO}_3$ , mg/l	44.34	45	No relaxation	APHA 23rd Edition , 4500-NO3 -B
15.	Iron as Fe, mg/l	0.26	1	No relaxation	IS 3025 (Part-53) : 2003(6 1,10 Phenanthroline method)

**Remarks: The above tested Physical & Chemical parameters to the permissible limit of IS 10500:2012 Drinking water specification for the given sample.**

Analysed by: Geethanjali S  
Junior Analyst

*Geethanjali S*

RDWSD/WQMSP/TeR/01

Authorized Signatory: Sangeetha U  
Technical Manager

*Sangeetha U*  
Senior Analyst cum Technical Manager  
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**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-01.

\*\*\*\* End of Report \*\*\*\*

