

PROFORMA FOR SAFE DRINKING WATER CERTIFICATE

No. RDWSD/WQMSP/LAB/2024-25

Dated: 20.12.2024

It is certified that from **Mysuru District Water Quality Testing Laboratory, Rural Drinking Water and Sanitation Department Mysuru, Government of Karnataka**, water sample tested from **BSS VIDYODAYA, 1498/22, CH-2/1, RAMAIYER ROAD, KRISHNAMURTHYPURAM, MYSURU - 570004** on 19.12.2024 and on the basis of Water Test Report (Attached) bearing sample code **MYS24DD0322 & MYS24DD323** dated **20.12.2024** certified that the **BSS VIDYODAYA** has safe drinking water facilities for the students and members of staff of the institution.

Enclosure: Water Test Report

Name: ... Sangeetha. U

Designation: Senior Analyst cum Technical Manager

Signature with Seal:


Senior Analyst cum Technical Manager
Mysuru District Laboratory
Rural Drinking Water & Sanitation
Division, Mysuru

To,
The Hon. Secretary
BSS Vidyodaya
1498/22, CH-2/1
Rama Iyer Road
Krishnamurthypuram
Mysuru – 570004



RURAL DRINKING WATER & SANITATION DEPARTMENT, GOK
RURAL DRINKING WATER & SANITATION DIVISION, MYSURU
Mysuru District Water Quality Testing Laboratory, Room No. 05, Zilla Panchayath
Premises, Near Law Court, Chamarajapuram Mohalla, Lakshmpuram,
Mysuru - 570005. e-mail: rdwssd.wqmsp.mysore@gmail.com

TEST REPORT

Address of the sampling location/Name & address of the customer if any :				Report Date: 20/12/2024
Location : BSS Vidyodaya 1498/22, CH 2/1 Rama Iyer Road . Krishnamurtypuram Mysuru.				Report Number: MYS24DEC0047
				Reference: Test Request Form
				Sample receipt date: 19/12/2024
				Sample code : MYS24DEC0047
				Date of Sample collection: 19/12/2024
				Analysis start date: 19/12/2024
				Analysis completion date: 20/12/2024
				Sample collection protocol: RDWSD/WQMSP/SOP/23
Sample Particulars: Surface water -Vanivilasa water supply				Sample Quantity: 1Liter
Sl.N o	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018 Protocol
Description: Colourless Liquid				
1.	pH Value @ 24.9°C	7.9	6.5 – 8.5	No relaxation
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @ 24.9°C	353	–	IS 3025 (Part-14) : 2013
3.	Odour	Agreeable	Agreeable	IS 3025 (Part-5):2018
4.	Colour, Hazen Units	5	5	IS 3025 (Part-4) :2021 Platinum Cobalt(Visual Comparison Method)
5.	Turbidity, NTU	4.8	1	IS 3025 (Part-10) : 2023
6.	Total Dissolved Solids@180°C, mg/l	232	500	IS 3025 (Part-16) : 2023
7.	Alkalinity as CaCO_3 , mg/l	120.60	200	IS 3025 (Part-23) : 2023
8.	Total Hardness as CaCO_3 , mg/l	130.68	200	IS 3025 (Part-21) : 2009(5 EDTA method)
9.	Calcium as Ca, mg/l	24.53	75	IS 3025 (Part-40) : 2024(5 EDTA Titrimetric method)
10.	Magnesium as Mg, mg/l	16.85	30	IS 3025 (Part-46) : 2023(6 Volumetric analysis using EDTA)
11.	Chloride as Cl, mg/l	29.99	250	IS 3025 (Part-32) : 1988(Argentometric method)
12.	Sulphate as SO_4 , mg/l	4.23	200	IS 3025 (Part-24) : 2022(4 Turbidity method)
13.	Fluoride as F, mg/l	0.11	1	APHA 24 th Edition, 4500-F: D
14.	Nitrate as NO_3 , mg/l	4.03	45	APHA 24 th Edition, 4500-NO3 -B
15.	Iron as Fe, mg/l	0.19	1	IS 3025 (Part-53) : 2024(6 1,10 Phenanthroline method)

Remarks: The above tested Physical & Chemical parameters conforms to the acceptable limit except Turbidity of IS 10500:2012 Drinking water specification for the given sample only .

Analysed by: Rashmishree R
Junior Analyst *Rashmishree R*

RDWSD/WQMSP/TeR/01

Authorized Signatory: *Rashmishree R*
Mysuru District Laboratory
Rural Drinking Water & Sanitation
Division, Mysuru

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.



RURAL DRINKING WATER & SANITATION DEPARTMENT, GOK
RURAL DRINKING WATER & SANITATION DIVISION, MYSURU
Mysuru District Water Quality Testing Laboratory, Room No. 05, Zilla Panchayath
Premises, Near Law Court, Chamarajapuram Mohalla, Lakshmiapuram,
Mysuru - 570005. e-mail: rdwssd.wqmsp.mysore@gmail.com

TEST REPORT

Address of the sampling location/Name & address of the customer if any : Location : BSS Vidyodaya 1498/22, CH 2/1 Rama Iyer Road . Krishnamurtypuram Mysuru.			Report Date: 20/12/2024	
			Report Number: MYS24DEC0048	
			Reference: Test Request Form	
			Sample receipt date: 19/12/2024	
			Sample code : MYS24DEC0048	
			Date of Sample collection: 19/12/2024	
			Analysis start date: 19/12/2024	
			Analysis completion date: 20/12/2024	
Sample Particulars: Drinking water -WPP filter water			Sample collection protocol: RDWSD/WQMSP/SOP/23	
SI.N o Test Results			Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018
Description: Colourless Liquid				
1.	pH Value @ 24.9°C	7.7	6.5 – 8.5	No relaxation
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @ 24.9°C	103	—	IS 3025 (Part-14) : 2013
3.	Odour	Agreeable	Agreeable	IS 3025 (Part-5):2018
4.	Taste	Agreeable	Agreeable	IS 3025 (Part-5):2023
5.	Colour, Hazen Units	1	5	IS 3025 (Part-4) :2021 Platinum Cobalt(Visual Comparison Method)
6.	Turbidity, NTU	< 0.5	1	IS 3025 (Part-10) : 2023
7.	Total Dissolved Solids@180°C, mg/l	70	500	IS 3025 (Part-16) : 2023
8.	Alkalinity as CaCO_3 , mg/l	32.16	200	IS 3025 (Part-23) : 2023
9.	Total Hardness as CaCO_3 , mg/l	36.75	200	IS 3025 (Part-21) : 2009(5 EDTA method)
10.	Calcium as Ca, mg/l	9.81	75	IS 3025 (Part-40) : 2024(5 EDTA Titrimetric method)
11.	Magnesium as Mg, mg/l	2.97	30	IS 3025 (Part-46) : 2023(6 Volumetric analysis using EDTA)
12.	Chloride as Cl, mg/l	16.00	250	IS 3025 (Part-32) : 1988(Argentometric method)
13.	Sulphate as SO_4 , mg/l	< 1.0	200	IS 3025 (Part-24) : 2022(4 Turbidity method)
14.	Fluoride as F, mg/l	< 0.10	1	APHA 24 th Edition, 4500-F: D
15.	Nitrate as NO_3 , mg/l	2.32	45	APHA 24 th Edition, 4500-NO3 -B
16.	Iron as Fe, mg/l	< 0.05	1	IS 3025 (Part-53) : 2024(6 1,10 Phenanthroline method)

Remarks: The above tested Physical & Chemical parameters conforms to the acceptable limit of IS 10500:2012

Drinking water specification for the given sample only .

Analysed by: Rashmishree R
Junior Analyst

Rashmishree R
RDWSD/WQMSP/TeR/01

Authorized Signatory: Sangeetha U
Technical Manager

Sangeetha U

Senior Analyst cum Technical Manager
Mysuru District Laboratory
Drinking Water & Sanitation
Division, Mysuru

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