



Government of Karnataka
Executive Engineer Office

Rural Drinking Water and sanitation Division, Raichur

Phone No-08532-221590, email.eerdwsd.rcr@gmail.com

No. EE/RDW&SD/R/Lab/2023-24 /214.

Date--

24 MAY 2023

To,
The Principal
APL Abdul Kalam Residential School,
(Navodaya) Yermarus,
RDW Raichur

Respected Sir,

**Sub- Submission of water testing report- regarding
Ref: Your office letter Dt- 17-05-2023**

With reference to the above subject, given by Principal of APJ Abdul Kalam School, Minority Model Residential (Navodaya) Yermarus Tq. Dist. Raichur. It is certified that the water is safe and suitable for drinking as per chemical testing in Raichur district Laboratory.

PRINCIPAL

MINORITY MODEL RESIDENTIAL
SCHOOL (NAVODAYA) RAICHUR

Executive Engineer

Rural Drinking water & Sanitation Division
Raichur

District Officer

Minority Welfare Deptment
RAICHUR.



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
Rural Drinking Water & Sanitation Division Laboratory, Raichur - 584101
e-mail: rdwswqmSprachurlab@gmail.com

TEST REPORT

Dist – Raichur
Taluk - Raichur
Location – Minority School (Navodaya)

Report date: 20/05/2023
Report Number: 23/RAI/MAY/0001
Reference: Sample receipt Form
Sample receipt date: 17/05/2023
Sample code: RAI23MAY0001
Date of Sample collection: 17/05/2023
Analysis start date: 19/05/2023
Analysis completion date: 19/05/2023
Sample collection protocol: IS 3025(Part-1)
Sample quantity: 1000 mL

Sample Particulars: Drinking Water

Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description: Ground water- Borewell					
1.	pH Value	7.53	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 1983
2.	Specific Conductance, $\mu\text{S}/\text{cm}$	1089	–	–	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	1	5	15	IS 3025 (Part-4) :1983
6.	Turbidity, NTU	0.1	1	5	IS 3025 (Part-10) : 1984
7.	Total Dissolved Solids @ 180°C, mg/l	714	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO_3 , mg/l	360	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO_3 , mg/l	94.08	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	16.82	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	12.63	30	100	IS 3025 (Part-46) : 1994
12.	Chloride as Cl, mg/l	99.96	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO_4 , mg/l	110	200	400	IS 3025 (Part-24) : 1986
14.	Fluoride as F, mg/l	0.76	1	1.5	APHA 23 rd Edition
15.	Nitrate as NO_3 , mg/l	14.20	45	No relaxation	APHA 23 rd Edition
16.	Iron as Fe, mg/l	0.0092	1	No relaxation	IS 3025 (Part-53) : 2003

Remarks: The given sample conforms within the Permissible limit of IS 10500:2012 RA: 2018 Drinking water specification for above Tested physical & chemical parameters only.

Analysed by
Senior Analyst/Junior Analyst

Verified By
Quality Manager
(Mohd. Sadiq)

RDWSD/WQMSP/TeR/01

Dist. Water Testing Laboratory
RDWSD Division, RAICHUR.

Note:

- The above results are only to the sample tested.
- The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- Traceability:** Traceability of measurements is established using CRMs traceable to National/International standards.
- Samples will be discarded after 15 days from the date of report generation.
- Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01.

PRINCIPAL
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District Officer,
Minority Welfare Department

CMC/RCR/HS/Sanitary Condition/2023-24

Date: 21-06-2023

SANITARY CONDITION CERTIFICATE

Sub: Certification to Minorities Model Residential School (Navodya), Raichur regarding Sanitary Condition.
Ref: Principal Minorities Model Residential School (Navodya) Raichur Letter Dated :19/06/2023

With reference to the above subject and referred letter It is certified that the Sanitary Condition and Cleanliness in the school premises building and campus is as per the norms prescribed by the State Government.

Asst. Executive Engineer
Executive Engineer (Environment)
City Municipal Council,
Raichur.
21/06/23

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District Officer
Minority Welfare Deptment
RAICHUR.