

KALABURAGI DISTRICT WATER QUALITY TESTING LABORATORY RURAL DRINKING WATER & SANITATION DEPARTMENT, Gok

Opp KGB Bank, Kusnoor Road, Kalaburagi-585105 Email ID : rdwsd.womspkalaburagi@gmail.com

				Report date: 18.0	
				Report Number: 5	
o,		Reference: By Hand Sample receipt date: 15.07.2024 Sample code: KBR24 July0004 Date of Sampling: 15.07.2024 Analysis start date: 16.07.2024			
he Princi					
wamina	rayan International School,				
Kalabura	gi				
				Analysis start date: 10.07.2024 Analysis completion date:16.07.2024	
				Environmental Condition: Temp-24.9 °C Sample collected by: The Party	
				Sampling protocol: Not Applicable	
Sample Particulars: Filter Water				Sample quantity: 1Litre	
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Descriptio	n: Clear Sample				10 000 (D 1 44) 2003
1.	pH Value @Temp 24.9 °C	7.68	6.5-8.5	No relaxation	IS 3025 (Part-11): 2022
2.	Specific Conductance, μS/cm@Temp 24.9 °C	190	_	_	IS 3025 (Part-14) : 2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Colour, Hazen Units	<5	5	15	IS 3025 (Part-4) :2023
5.	Turbidity, NTU	0.1	1	5	IS 3025 (Part-10) :2023
6.	Total Dissolved Solids@ 180°C, mg/l	110	500	2000	IS 3025 (Part-16): 2023
7.	Alkalinity as CaCO ₃ , mg/l	56.28	200	600	IS 3025 (Part-23) : 2023
8.	Total Hardness as CaCO ₃ , mg/l	70.61	200	600	IS 3025 (Part-21): 2009
9.	Calcium as Ca, mg/l	15.7	75	200	IS 3025 (Part-40): 199
10.	Magnesium as Mg, mg/l	7.6	30	100	IS 3025 (Part-46): 202
11.	Chloride as Cl, mg/l	29.34	250	1000	IS 3025 (Part-32): 198
12.	Sulphate as SO ₄ , mg/l	1.22	200	400	IS 3025 (Part-24) : 202
13.	Fluoride as F, mg/l	0.12	1	1.5	APHA 24 th Edition
14.	Nitrate as NO ₃ , mg/I	7.51	45	No relaxation	APHA 24th Edition
15.	Iron as Fe, mg/I	<0.1	1	No relaxation	IS 3025 (Part-53) : 200
Remarks	: The above Tested Parameter Conforms Accep	table Limit of	IS 10500:2012	RA:2018 Drinking \	Water Specification
Ana	Hawi tysed by:			Ruthorized Sig	hatory:

Note:

Junior Analyst:(Saibanna)

RDWSD/WQMSP/DR-01

Technical Manager:(Rachamma Manchal)

- 1. The above results relate only to the sample tested& sample is drawn by the laboratory.
- 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



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Value @Temp 24.9 °C cific Conductance, μS/cm@ Temp 24.9 °C	460		No relaxation	IS 3025 (Part-14) : 2013
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our	Agreeable			
	. 0	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
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bidity, NTU	0.5	1	5	IS 3025 (Part-10) :2023
al Dissolved Solids@ 180°C, mg/l	270	500	2000	IS 3025 (Part-16): 2023
alinity as CaCO ₃ , mg/l	124.62	200	600	IS 3025 (Part-23) : 2023
al Hardness as CaCO _{3,} mg/l	141.2	200	600	IS 3025 (Part-21) : 2009
cium as Ca, mg/l	32.97	75	200	IS 3025 (Part-40) : 1991
gnesium as Mg, mg/l	14.28	30	100	IS 3025 (Part-46) : 2023
loride as CI, mg/I	33.25	250	1000	IS 3025 (Part-32) : 1988
phate as SO ₄ , mg/l	5.9	200	400	IS 3025 (Part-24) : 2022
oride as F, mg/l	0.38	1	1.5	APHA 24 th Edition
trate as NO ₃ , mg/l	13.27	45	5.1	APHA 24th Edition
	0.1			IS 3025 (Part-53) : 200
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Analysed by: Junior Analyst:(Saibanna) Authorized Signatory: Technical Manager:(Rachamma Manchal)

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