





**KALABURAGI DISTRICT WATER QUALITY TESTING LABORATORY**  
**RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK**  
 Opp KGB Bank, Kusnoor Road, Kalaburagi-585105  
 Email ID : rdwsd.wqmsspkalaburagi@gmail.com

<b>To,</b> <b>The Principal,</b> <b>Swaminarayan International School,</b> <b>Kalaburagi</b>				Report date: 18.07.2024	
				Report Number: 59	
				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	
				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
<b>Description: Clear Sample</b>					
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 <sub>3</sub> , mg/l	56.28	200	600	IS 3025 (Part-23) : 2023
8.	Total Hardness as CaCO <sub>3</sub> , 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) : 1991
10.	Magnesium as Mg, mg/l	7.6	30	100	IS 3025 (Part-46) : 2023
11.	Chloride as Cl, mg/l	29.34	250	1000	IS 3025 (Part-32) : 1988
12.	Sulphate as SO <sub>4</sub> , mg/l	1.22	200	400	IS 3025 (Part-24) : 2022
13.	Fluoride as F, mg/l	0.12	1	1.5	APHA 24 <sup>th</sup> Edition
14.	Nitrate as NO <sub>3</sub> , mg/l	7.51	45	No relaxation	APHA 24th Edition
15.	Iron as Fe, mg/l	<0.1	1	No relaxation	IS 3025 (Part-53) : 2003
<b>Remarks : The above Tested Parameter Conforms Acceptable Limit of IS 10500:2012 RA:2018 Drinking Water Specification</b>					
 <b>Analysed by:</b> <b>Junior Analyst:(Saibanna)</b>			 <b>Authorized Signatory:</b> <b>Technical Manager:(Rachamma Manchal)</b>		

**Note:**

**RDWSD/WQMSP/DR-01**

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

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

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To,  
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 Swaminarayan International School,  
 Kalaburagi

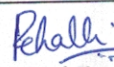
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 Environmental Condition: Temp-24.9 °C  
 Sample collected by: The Party  
 Sampling protocol: Not Applicable  
 Sample quantity: 1Litre

**Sample Particulars: Borewell**

Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
<b>Description: Clear Sample</b>					
1.	pH Value @Temp 24.9 °C	8.11	6.5-8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @ Temp 24.9 °C	460	—	—	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	0.5	1	5	IS 3025 (Part-10) :2023
6.	Total Dissolved Solids@ 180°C, mg/l	270	500	2000	IS 3025 (Part-16) : 2023
7.	Alkalinity as $\text{CaCO}_3$ , mg/l	124.62	200	600	IS 3025 (Part-23) : 2023
8.	Total Hardness as $\text{CaCO}_3$ , mg/l	141.2	200	600	IS 3025 (Part-21) : 2009
9.	Calcium as Ca, mg/l	32.97	75	200	IS 3025 (Part-40) : 1991
10.	Magnesium as Mg, mg/l	14.28	30	100	IS 3025 (Part-46) : 2023
11.	Chloride as Cl, mg/l	33.25	250	1000	IS 3025 (Part-32) : 1988
12.	Sulphate as $\text{SO}_4$ , mg/l	5.9	200	400	IS 3025 (Part-24) : 2022
13.	Fluoride as F, mg/l	0.38	1	1.5	APHA 24 <sup>th</sup> Edition
14.	Nitrate as $\text{NO}_3$ , mg/l	13.27	45	No relaxation	APHA 24th Edition
15.	Iron as Fe, mg/l	0.1	1	No relaxation	IS 3025 (Part-53) : 2003

**Remarks : The above Tested Parameter Conforms Acceptable Limit of IS 10500:2012 RA:2018 Drinking Water Specification**

  
 Analysed by:  
 Junior Analyst:(Saibanna)

  
 Authorized Signatory:  
 Technical Manager:(Rachamma Manchal)

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

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