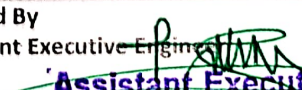




# RURAL DRINKING WATER & SANITATION DEPARTMENT, Gok

## TEST REPORT

<b>TALUKA</b> : Lingasugur <b>Gram Panchayath</b> : Lingasugurr <b>VILLAGE</b> : Lingasugur <b>Location of source</b> : Anglist english medium school <b>Type of source</b> : BW / Filter water				Report date: 16-02-2024	
				Report Number: LIN24Feb	
				Reference: Sample receipt Form(Departmental)	
				Sample receipt date: - 14-02-2024	
				Sample code: LIN24Feb	
				Date of Sample collection: 14-02-2024	
				Analysis start date: 15-02-2024	
				Analysis completion date:15-02-2024	
				Sample collection protocol: APHA 23 <sup>rd</sup>	
<b>Source</b> :Filter water				Sample quantity: 1000 mL	
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
1.	Ph value @25° C	7.24	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @ Temp ° C	30.2	–	–	IS 3025 (Part-14) : 2013 RA: 2019
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Colour, Hazen Units	1.0	5	15	IS 3025 (Part-4) :2021
5.	Turbidity, NTU	0.1	1	5	IS 3025 (Part-10) : 2023
6.	Total Dissolved Solids @ 180°C, mg/l	17.88	500	2000	IS 3025 (Part-16) : 2023
7.	Alkalinity as $\text{CaCO}_3$ , mg/l	06	200	600	IS 3025 (Part-23) : 2023
8.	Total Hardness as $\text{CaCO}_3$ , mg/l	12.01	200	600	IS 3025 (Part-21) : 2003 RA:2019
9.	Calcium as Ca, mg/l	03.20	75	200	IS 3025 (Part-40) : 1991 RA:2019
10.	Magnesium as Mg, mg/l	0.97	30	100	IS 3025 (Part-46) : 1994 RA:2019
11.	Chloride as Cl, mg/l	6.99	250	1000	IS 3025 (Part-32) : 1988 RA:2019
12.	Sulphate as $\text{SO}_4$ , mg/l	1.04	200	400	IS 3025 (Part-24) : 2022
13.	Fluoride as F, mg/l	0.12	1	1.5	APHA 23 <sup>rd</sup> Edition 4500F:D
14.	Nitrate as $\text{NO}_3$ , mg/l	1.08	45	No relaxation	APHA 23 <sup>rd</sup> Edition 4500-NO3- B
15.	Iron as Fe, mg/l	0.001	1	No relaxation	IS 3025 (Part-53) : 2003 RA:2019
<b>Remarks:</b> The given sample conforms within the permissible limit of IS 10500:2012 RA:2018 Drinking water specification for above Tested physical & chemical parameters. ( Potable)					
<b>Analysed by</b> Analyst			<b>Verified By</b> Assistant Executive Engineer  <b>Assistant Executive Engineer</b> RDWSD/WQMSP/TeP/O RWS&S Sub-Division Lingasugur		

### 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.
- 6) Note : BLB-Below Detection Limit. NTU : Nephelometric meter
- 7) Sample Collected and submitted by the client (Water Sample Collector)