

NAL LABS LLP
ANALYSIS REQUISITION FOR WATER ANALYSIS
(CHEMICAL/BIOLOGICAL)

NAL/ARS/153

Sample ID/Code:	NAL/2024/12/34		
Group:	Water/ Residues in Water	Product or material name	Drinking Water/ R O water/WTP Water/ Tap water/ Raw water and Domestic Water/ Ground Water/ Surface Water Residues in Water (Water, Ground Water, Surface Water)
Sample Particulars:	Lake water	Sample Receipt Date:	10/12/24
Sample marked :	Nadiwala lake	Date of analysis:	
Sample quantity:		Date of completion:	
Description:	Slightly yellowish objectionable turbid liquid		

Sl. No	Test parameter	Unit	Result	Test method	Allotted/ Analyzed By
01	Water Temperature	°C	24.5	IS 3025(Part-9):2023	
02	Odor	---	Non-Appealable	IS 3025 : Part 5 : 2018	
03	Taste	---	Non-Appealable	IS 3025 : Part 7 : 2017	
04	pH value	---	7.9	IS 3025 : Part 11 : 2022	
05	Turbidity	NTU	8.2	IS 3025 : Part 10 : 2023	
06	Total Dissolved Solids	mg/L	298.0	IS 3025 : Part 16 : 2023	
07	Total Alkalinity as CaCO ₃	mg/L	177.0	IS 3025 : Part 23 : 2023	
08	Total Acidity	mg/L	BDL (DL=1.0)	IS 3025 (part 22): 2023	
09	Total Hardness as CaCO ₃	mg/L	143.0	IS 3025 : Part 21 : 2009 (RA:2019)	
10	Sulphate as SO ₄	mg/L	18.0	APHA 4500 SO ₄ -F 24 th Edition 2023	
11	Chloride as Cl	mg/L	67.0	IS 3025 : Part 32 : 1988 (RA:2019)	
12	Nitrates as NO ₃	mg/L	5.3	IS 3025(Part 34):1988 (RA:2019) /APHA 24th Edn 4500 NO3 B: 2023	
13	Dissolved Oxygen	mg/L	5.1	IS 3025 (part 38):1989	
14	Chemical Oxygen Demand	mg/L		IS 3025 (part 58):2023	
15	Phosphate	mg/L	1.5	IS 3025 (Part 31)	
16	Sodium (as Na)	mg/L		IS 3025 (part 45): 1993	
17	Potassium(as k)	mg/L		IS 3025 (part 45):1993	

Verified by: