



TC-5722

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Format No. SRL/PHED/BPL

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Test Report

Nature of sample :- Drinking Water Sample / Others		Not sampled by State Research Lab		Unique Identification No.	648
Sender's name and address TO, LNCT WORLD SCHOOL LAMB KHEDA BHOPAL.		Sender's letter no.	-	Sender's letter Date	02/01/25
		SRL Ref. No	04	SRL receipt date	02/01/25
		Date of analysis started	02/01/25	Date of analysis completed	03/01/25
		Quantity Of sample	OK		

Sample details

No.	Particulars of Samples
1.	WATER SAMPLE

RESULTS

No.	Field.. Testing Characteristics/ Unit	Discipline..Chemical test methods	Group..Water		Sub. Group..Drinking Water	
			BIS -10500:2012 Reaffirmed in Sep 2022		Results	
			Desirable Limit	Permissible Limit	1	
1	2	3	4	5		
1	Colour in Hazen scale	-	5	15	NIL	
2	Iron as Fe mg/l	APHA 23 rd edition, 3500-Fe B	1.0	1.0	0.26	
3	Nitrate as NO ₃ mg/l	APHA 23 rd edition, 4500 NO ₃ -B	45	45	1.944	
4	Fluoride as F mg/l	APHA 23 rd edition, 4500-F-C	1.0	1.5	0.19	
5	Chloride as Cl mg/l	APHA 23 rd edition, 4500 Cl-B	250	1000	10	
6	Total Alkalinity as CaCO ₃ mg/l	APHA 23 rd edition, 2320 B	200	600	24	
7	Calcium as Ca ⁺⁺ mg/l	APHA 23 rd edition, 3500 Ca-B	75	200	7.2	
8	Magnesium as Mg ⁺⁺ mg/l	APHA 23 rd edition, 3500 Mg-	30	100	4.32	
9	Sulphate as SO ₄ mg/l	BIS:3025 (Part -24)	200	400	7.0	
10	pH pH Value at 25°C	APHA 23 rd edition 4500-H + B	6.5 to 8.5	6.5 to 8.5	7.11	
11	Turbidity in NTU	APHA 23 rd edition, 2130 B	1.0	5.0	0.8	
12	Total hardness as CaCO ₃ mg/l	APHA 23 rd edition, 2340 C	200	600	36	
13	Conductivity at 25°C (S/m)	APHA 23 rd edition, 2510 B	-	-	85	
14	TDS By meter mg/l	APHA 23 rd edition, 2510 B	500	2000	50	
15	Manganese as Mg/l	Mn APHA 23 rd edition 3500-mn-B	0.1	0.3	BDL	

- This report should not be produced partly or full without approval of signatory authority for legal purposes.-
- It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but upto the limits indicated under the "permissible limit in the absence of alternate source" in column 4, above which the sources will have to be rejected.
- The results refer only to tested samples and parameters tested
- Samples will be stored for a period of 15 days from the date of issue of report.
- This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.

Reviewed By

CHIEF CHEMIST
STATE RESEARCH LABORATORY
P. H. E. DEPARTMENT BHOPAL

Issue No. 18 /S.R.L./PHED/BPL /2025 Issue Date 03/01/2025

LNCT WORLD SCHOOL
BHOPAL

Test Report

Nature of sample :- Drinking Water Sample / Others		Not sampled by State Research Lab		Unique Identification No.	648-A
Sender's name and address TO, LNCT WORLD SCHOOL LAMBA KHEDA BHOPAL.		Sender's letter no.	-	Sender's letter Date	02/01/25
		SRL Ref. No	04	SRL receipt date	02/01/25
		Date of analysis started	02/01/25	Date of analysis completed	03/01/25
		Quantity Of sample	Ok		

Sample details

No.	Particulars of Samples
1.	WATER SAMPLE


RESULTS

Field.. Testing	Discipline..Chemical	Group..Water	Sub. Group..Drinking Water					
No.	Characteristics/ Unit	test methods	BIS -10500:2012 Reaffirmed in Feb. 2021		Results			
			Desirable Limit	Permissible Limit	1	-	-	
1	2	3	4	5				
1	Temperature in degree C	-	--	--	25°C	-	-	-
2	Odour	-	Objectionable	Unobjectionable	-	-	-	-
3	Phenolphthalein Alkalinity as CaCO ₃ mg/l	APHA 23 rd edition, 2320 B	-	-	-	-	-	-
4	Sodium as Na mg/l	APHA 23 rd edition, 3500 - Na B	-	-	-	-	-	-
5	Potassium as K mg/l	APHA 23 rd edition, 3500 - K B	-	-	-	-	-	-
6	Dissolved Oxygen mg/l	-	-	-	-	-	-	-
7	Chemical Oxygen Demand (COD)mg/l	-	-	-	-	-	-	-
8	Biological Oxygen Demand (BOD) mg/l	-	-	-	-	-	-	-
9	Jar Test for Alum & lime dosing fixation mg/l	-	-	-	-	-	-	-
10	Purity of Alum	-	-	-	-	-	-	-
11	Purity of Lime	-	-	-	-	-	-	-
12	Purity of Bleaching	-	-	-	-	-	-	-
13	Chlorine test Demand	-	-	-	-	-	-	-
14	Total coliform per 100 ml	APHA 23 rd edition, 9211 B	NIL for treated water and water in distribution system	-	-	-	-	-
15	Faecal Coliform (TTC) per 100 ml	APHA 23 rd edition, 9211 B	NIL	NIL	NIL	-	-	-

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3. The results refer only to tested samples and parameters tested.
4. Samples will be stored for a period of 15 days from the date of issue of report.
5. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.
6. This report show only Non NABL parameters.

Reviewed By

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