

**PROFORMA FOR SAFE DRINKING WATER AND SANITARY
CONDITION CERTIFICATE**

No. 1201

Dated: 07/02/2024

It is certified that an inspection team headed by **Mr. Pankaj Kumar Executive Engineer** (Name of Officers with designation) from **Public Heath Engineering Department BHOPAL, MP PHED** inspected the **Leelavati International School, 11 Mile, Bypass Road, Village Maksi, Bhopal, Dist. Bhopal, MP** on **06/02/2024** and on the basis of Water Test Report (Attached) bearing no. **864** dated **12/01/2024** of **State Research Laboratory PHED, BHOPAL, MP (PHED Lab)** certified that the **Leelavati International School, 11 Mile, Bypass Road, Village Maksi, Bhopal, Dist. Bhopal, MP** has safe drinking water facilities for the students and members of staff of the institution. School is also maintains the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt.

This certificate is valid till **05/02/2025**


कार्यपालन यंत्री
कार्यालय प्रमुख अभियंता
लोक स्वास्थ्य यांत्रिकी विभाग
जल भवन, बाणगंगा, नोपाल, मध्यप्रदेश

Signature with seal:

Name: **Mr. Pankaj Kumar**Designation: **Executive Engineer**Name & address of the office/Department: **- PHED, BHOPAL, MP**

To,
**Leelavati International School,
11 Mile, Bypass Road, Village Maksi, Bhopal, Dist. Bhopal, MP**

(Name and address of the institution)

Note: The certificate is to be issued by authorized officer / PHED Lab/local bodies


**Principal
Leelavati International
School Bhopal**


**SECRETARY
LEELAVATI INTERNATIONAL
SCHOOL BHOPAL**



TC-5722

State Research Laboratory, (SRL)
Public Health Engineering Department. P.H.E.D.
Shyamla Hills, Bhopal, 462002, Email-labbpl @ mp. nic. in, Phone-0755-4934796

Format No. SRL/PHED/BPL/4.1

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Test Report

Nature of sample :- Drinking Water Sample / Others	Not sampled by State Research Lab	Unique Identification No.	632
Sender's name and address	Sender's letter no.	Sender's letter Date	11/1/2024
प्रति, संचालक लीलावती इंटरनेशनल स्कूल भोपाल	SRL Ref. No	SRL receipt date	11/1/2024
	Date of analysis started	Date of analysis completed	12/1/2024
	Quantity Of sample	Ok	

Sample details

No.	Particulars of Samples
1.	Borewell Water sample

RESULTS

No.	Characteristics/ Unit	test methods	BIS -10500:2012 Reaffirmed in Sep 2022		Results			
			Desirable Limit	Permissible Limit	1			
1	2	3	4	5	6			
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	0.25			
3	Nitrate as NO ₃ mg/l	APHA 23 rd edition, 4500 NO ₃ -B	45	45	6.386			
4	Fluoride as F mg/l	APHA 23 rd edition, 4500-F-C	1.0	1.5	0.20			
5	Chloride as Cl mg/l	APHA 23 rd edition, 4500 Cl-B	250	1000	25			
6	Total Alkalinity as CaCO ₃ mg/l	APHA 23 rd edition, 2320 B	200	600	250			
7	Calcium as Ca++ mg/l	APHA 23 rd edition, 3500 Ca-B	75	200	72.8			
8	Magnesium as Mg++ mg/l	APHA 23 rd edition, 3500 Mg-	30	100	25.44			
9	Sulphate as SO ₄ mg/l	BIS:3025 (Part -24)	200	400	12.8			
10	pH pH Value at 25°C	APHA 23 rd edition 4500-H + B	6.5 to 8.5	6.5 to 8.5	7.58			
11	Turbidity in NTU	APHA 23 rd edition, 2130 B	1.0	5.0	1.2			
12	Total hardness as CaCO ₃ mg/l	APHA 23 rd edition, 2340 C	200	600	288			
13	Conductivity at 25°C (S/m)	APHA 23 rd edition, 2510 B	-	-	728			
14	TDS By meter mg/l	APHA 23 rd edition, 2510 B	500	2000	430			
15	Manganese as Mg/l	Mn APHA 23 rd edition 3500-mn-B	0.1	0.3	BDL			

1. This report should not be produced partly or full without approval of signatory authority for legal purposes.-
2. 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.
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.

Reviewed By

Issue No. 864 /S.R.L./PHED/BPL /2024 Issue Date 12/01/24

Principal
Leelavati International
School Bhopal

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

SECRETARY
LEELAVATI INTERNATIONAL
SCHOOL BHOPAL

Test Report

Nature of sample :- Drinking Water Sample / Others		Not sampled by State Research Lab		Unique Identification No.	632-A ✓
Sender's name and address प्रति, संचालक लीलावती इंटरनेशनल स्कूल भोपाल	Sender's letter no.		-	Sender's letter Date	11/1/2024 ✓
	SRL Ref. No		902	SRL receipt date	11/1/2024 ✓
	Date of analysis started		11/1/2024	Date of analysis completed	12/1/2024 ✓
	Quantity Of sample		Ok		

Sample details

No.	Particulars of Samples
1.	Borewell Water sample

RESULTS

No.	Characteristics/ Unit	test methods	BIS -10500:2012 Reaffirmed in Feb. 2021		Results			
			Desirable Limit	Permissible Limit	1			
1	2 3	4	5	6				
1	Temperature in degree C	-	-	-	25°C			
2	Odour	-	Objectionable	Unobjectionable	-			
3	Phenolphthalein Alkalinity as caCO3 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 5 th Day	-	-	-	-			
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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- 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.
- This report show only Non NABL parameters.

Reviewed By

Issue No. 864 /S.R.L/PHED/BPL /2024 Issue Date 12/01/24

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