

**CERTIFICATE REGARDING SAFE DRINKING**

**WATER AND SANITARY CONDITION**

Ref No. 36993

Date: 05-07-2023

It is Certified that an inspection team headed by Dr. Pooja Singh From Community Health Centre, Sadabad inspected the SANT KARSHNI PUBLIC SCHOOL JALESAR ROAD, SADABAD on Dated 05-07-2023 and found that the mentioned school has safe drinking water facilities for the students and members of staff of the institution and is maintaining using the hygienic sanitation condition in the school building and the campus as per rooms prescribed by the centre/state/U.T Govt.

The above valid for a period of one year

To

Sant Karshni Public School

Sadabad Hathras U.P

Signature with Seal

सामुदायिक स्वास्थ्य केंद्र  
सादाबाद (हाथरस)



# FAST LABS™

## FOOD ANALYSIS AND SAMPLE TESTING LABORATORIES

FOOD, WATER AND ENVIRONMENT TESTING,  
RESEARCH & DEVELOPMENT AND TRAINING SERVICES

# FAST LABS

(A Unit of FOODTECH CONSULTS INDIA PVT. LTD.)  
A-5, Ganga Vihar Colony, Dhandhupura Road  
Agra-282006, Uttar Pradesh, INDIA  
Phone : +91-9997727333, 9997969733  
Email : foodtechconsults@gmail.com

## TEST REPORT

### Water Sample Analysis

Issued to :  
**M/S. SANT KARSHNI PUBLIC SCHOOL**  
Jalesar Road, Sadabad  
Dist. Hathras - 281307  
Uttar Pradesh, India.

Report No. : FL/W2024033002  
ULR Code : TC115992400000167F  
Report Issue Date : 02/04/2024

#### Information Provided by Customer

Nature/Name of the Sample : **Drinking Water**  
Sample Location : **At Drinking Water Point**  
Sample Drawn on : **30/03/2024**



TC-11599

#### Information Provided by Laboratory

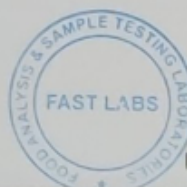
Sampling Method : **Sample is Provided by Sant Karshni Public School**  
Sample Quantity & Packaging : **2.0 Litre Pet Bottle**  
Sample Received on : **30/03/2024**  
Duration of Performance of Test : **30/03/2024 to 02/04/2024**  
Environmental Conditions (Temp. & RH) : **25.2°C & 63%**  
Remark (if any) : **NA**

### RESULTS - PHYSICAL AND CHEMICAL ANALYSIS

**Physical Description :** Water is clear without any sediments suspended particles and extraneous matter.

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS: 10500-2012 (Amd. No.2 Sep-2018)	
					Acceptable	Permissible
1	Colour	IS 3025 (Part-4):2021	< 5.0	Hazen	5.0	15.0
2	Odour	IS 3025 (Part-5):2018	Agreeable	-	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part-10):1984	< 1.0	NTU	1.0	5.0
4	pH	IS 3025 (Part-11):2022	7.56	-	6.5-8.5	No relaxation
5	Total Hardness (as CaCO <sub>3</sub> )	IS 3025 (Part-21):2009	72.0	mg/L	200.0	600.0
6	Calcium (as Ca)	IS 3025 (Part-40):1991	18.60	mg/L	75.0	200.0
7	Iron (as Fe)	IS 3025 (Part-53):2003	< 0.005	mg/L	1.0	No relaxation
8	Chloride (as Cl)	IS 3025 (Part-32):1988	20.10	mg/L	250.0	1000.0
9	Residual Free Chlorine	IS 3025 (Part-26):2021	< 0.2	mg/L	0.2	1.0
10	Fluoride (as F)	APHA 4500F-D 23 <sup>rd</sup> Edition	< 0.2	mg/L	1.0	1.5
11	Total Dissolved Solids	IS 3025 (Part-16):1984	120.0	mg/L	500.0	2000.0
12	Conductivity	IS 3025 (Part-14):2013	207.0	µs/cm	-	-

Verified By



*Ruchi Sharma*

Authorized Signatory  
Ruchi Sharma, Technical Manager

#### Terms & Conditions :

1. The result (s) listed in the report refer only to the item(s) tested and it's Parameters(s). 2. Endorsement of products is neither inferred nor implied. 3. Sample will be disposed after 15 days from the date of issue of test report unless otherwise specified. 4. This Test report is not to be reproduced wholly or in part and cannot be used as evidence in the Court of law and should not be used in any advertising media without our special permission in writing. 5. Total liability of our Lab is limited to the invoiced value. 6. All disputes are subject to AGRA jurisdiction only.



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Report No. : FL/W2024033002  
ULR Code : TC1159924000000167F  
Report Issue Date : 02/04/2024

#### Information Provided by Customer

Nature/Name of the Sample : **Drinking Water**  
Sample Location : At Drinking Water Point  
Sample Drawn on : 30/03/2024



#### Information Provided by Laboratory

Sampling Method : Sample is Provided by Sant Karshni Public School  
Sample Quantity & Packaging : 2.0 Litre Pet Bottle  
Sample Received on : 30/03/2024  
Duration of Performance of Test : 30/03/2024 to 02/04/2024  
Environmental Conditions (Temp. & RH) : 25.2°C & 63%  
Remark (if any) : NA

#### RESULTS - PHYSICAL AND CHEMICAL ANALYSIS

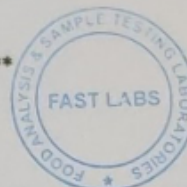
S. No.	Parameters	Test Methods	Results	Units	Limits as per IS: 10500-2012 (Amd. No.2 Sep-2018)	
					Acceptable	Permissible
13	Potassium (as K)	IS 3025 (Part-45):1993	< 1.0	mg/L	Not Specified	Not Specified
14	Silica (as SiO <sub>2</sub> )	IS 3025 (Part-35):1988	< 1.0	mg/L	Not Specified	Not Specified
15	Sodium (as Na)	IS 3025 (Part-45):1993	3.30	mg/L	Not Specified	Not Specified
16	Magnesium (as Mg)	IS 3025 (Part-46):1994	11.29	mg/L	30.0	100.0
17	Aluminium (as Al)	IS 3025 (Part-55):2003	< 0.005	mg/L	0.03	0.2
18	Sulphate (as SO <sub>4</sub> )	IS 3025 (Part-24 Sec. 1):2022	18.30	mg/L	200.0	400.0
19	Nitrate (as NO <sub>3</sub> )	IS 3025 (Part-34):1988	10.20	mg/L	45.0	No relaxation
20	Chloramines (as Cl <sub>2</sub> )	IS 3025 (P-26):2021	< 1.0	mg/L	4.0	No relaxation
21	Ammonium Nitrogen	IS 3025 (Part-34 Sec. 2):2021	< 0.1	mg/L	0.5	No relaxation
22	Total Alkalinity (as CaCO <sub>3</sub> )	IS 3025 (Part-23):1986	108.0	mg/L	200.0	600.0

**Remark** : RFC-0.2 Min is applicable only when water is chlorinated. When Protection against viral infection is required, it should be minimum 0.5 mg/L.

**Inference** : As per the above tested selected parameters only water sample **conforms** to the requirement of IS 10500:2012 in case of permissible limit of drinking water.

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

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Verified By



*Ruchi Sharma*  
Authorized Signatory  
Ruchi Sharma, Technical Manager

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
Sampling Method : **Sample is Provided by Sant Karshni Public School**  
Sample Quantity & Packaging : **2.0 Litre Pet Bottle**  
Sample Received on : **30/03/2024**  
Duration of Performance of Test : **30/03/2024 to 02/04/2024**  
Environmental Conditions : **Ambient**  
Remark (if any) : **NA**

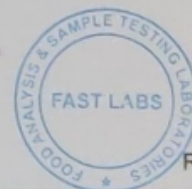
#### RESULTS - ORGANOLEPTIC AND MICROBIOLOGICAL ANALYSIS

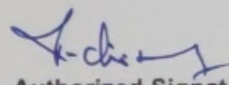
S. No.	Parameters	Test Methods	Results	Units	Limits as per IS: 10500-2012 (Amd. No.2 Sep-2018)	
					Acceptable	Permissible
1	Taste	IS 3025 (Part-8):1984 (Reaffirmed 2002)	Agreeable	-	Agreeable	Agreeable
2	E.coli	IS 15185 : 2002	Absent	Per 100mL	Should be Absent	No relaxation
3	Total Coliform	IS 15185 : 2002	Absent	cfu/100mL	Should be Absent	No relaxation
4	Yeast and Mould	IS 5403 : 1999 (Reaffirmed 2005)	Absent	Per 250mL	-	-
5	Aerobic Microbial Count (At 37 ± 1°C in 24 hrs)	IS 5402 : 2012	< 1.0	cfu/ml	-	< 20.0

**Inference** : As per the above tested selected parameters only water sample **conforms** to the requirement of IS 10500:2012 in case of permissible limit of drinking water.

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

  
Verified By



  
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Ruchi Sharma, Technical Manager

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