

Memo No:-

Date:-

**Subject : Bacteriological Examination Report of Water Sample**

Sample ID:	SIR/00509/5/2024	<b>Sample Details</b>	<b>Date &amp; Time</b>
Sample Classification:	Private	Collected By	Samsara Public...,8569862370
Sender:	Samsara Public School, Vill.- Shekhukhera, Teh.-30878	Collection Date	01/05/2024 at 15:16
Location :-	, Tap Water, Samsara Public School, Vill.- Shekhuk	Received at lab	02/05/2024 at 11:09
Latitude :-	74.755826	Tested at Lab	07/05/2024
Longitude :-	29.481438		

**Test Result (As Per BIS 10500 :2012)**

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Protocol Used
1	Total Coliform per 100 ml	0	Shall not be detectable in any 100 ml sample	IS 15185:2016/ APHA 9221C; 2017

**Remarks :-**

- \* The Results Given above are related to the sample as received and tested in SIRSA lab.
- \* The test report can't be regenerated in whole or part there of without written permission of Competent Authority.
- \* The test report can't be used for any publicity or any legal purpose.
- \* Reliability of water sample sample lies with sender/collector of water sample.
- \* To check the sample report online Scan the QR Code below.

Water Sample has been found "**CONFORMING**" to Limits set in BIS10500:2012 for the tested parameters. Based on the tested parameters,the water sample is found "**POTABLE**"



SANTOSH KUMARI,SENIOR CHEMIST  
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ZONAL WATER TESTING LABORATORY,SIRSA  
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-----End of Report-----.


PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION  
CERTIFICATE.

No. 1080Date: 13-5-24

It is certified that an inspection team headed by Sub Divisional  
Engineer, (Name of Officers  
with designation) from Public Health Engineering Dept. (Name of  
Department/Office) inspected the Samsara Public School  
Ethenabad. (Name & Address of  
the School) on 11/5/2024 and found that the Samsara Public School  
Village Shekha Khera. (Name of school) has safe  
drinking water facilities for the students and members of staff of the institution and is maintaining  
the hygienic sanitation condition in the school building & the campus as per the norms  
prescribed by the Central/State/U.T Govt.

The above valid for a period of Six months.

Signature with Seal :


 08/5/2024

Name :

Sub Divisional Engineer  
P.H. Engineering Sub Diva

Designation :

Sub  
Ethenabad

To

Principal  
Samsara Public School,  
Village Shekha Khera.  
(Name & Address of the Institution)

Memo No:- 424

Date:- 06/05/2024

**Subject :** Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : SIR/00510/5/2024 / Private	<b>Sample Details</b>	<b>Date &amp; Time</b>
Sender : SAMSARA Public School, Vill. - Shekhukhera30890	Collected By	SAMSARA Public...
Location : , TAP WATER, SAMSARA PUBLIC SCHOOL, VILL.- SHEKHUK	Collection Date	02/05/2024 at 08:36
	Received at lab	02/05/2024 at 11:09
Sample Description : Drinking Water	Analysis Start Date	02/05/2024
Latitude / Longitude : 74.755826 / 29.481448	Analysis End Date	02/05/2024
	Sample Quantity	1ltr

### Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Lmt. (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	348	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
2	Total Hardness as CaCO <sub>3</sub>	250	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
3	Calcium as Ca	52.10	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
4	Magnesium as Mg	29.16	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg B
5	Iron as Fe	0.02	1.0 mg/lit.	1.0 mg/lit.	USEPA
6	Chloride as Cl	34.98	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
7	Sulphate as SO <sub>4</sub>	46	200 mg/lit.	400 mg/lit.	USEPA / APHA 24th -4500 SO <sub>4</sub> -E
8	Fluoride as F	0.91	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition 4500 F-D:
9	Nitrate as NO <sub>3</sub>	2.6	45 mg/lit.	45 mg/lit.	APHA 4500-NO <sub>3</sub> - B / USEPA
10	pH @ 25°C	7.52	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
11	Total Alkalinity	260	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
12	Color	<5	5 Hazen Units	15 Hazen Units	APHA 2120 C; 2017
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5):1983: RA:2002
14	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):1984: RA:2002
15	Turbidity	0.68	1 NTU	5 NTU	APHA 24th Edition -2130 B
16	Free Residual Chlorine	0.0	0.2 mg/lit.	1.0 mg/lit.	IS 3025 (Part-26):2021

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- \* Reliability of water sample sample lies with sender/collector of water sample.
- \* To check the sample report online Scan the QR Code below.
- \* The test samples meant for chemical analysis will be disposed off after 15 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Water Sample has been found "**CONFORMING**" to Limits set in BIS10500:2012 for the tested parameters.



Sample analyzed by :

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