

Himachal Pradesh
Jal Shakti Vibhag.

No: - IPH-HYD-SD-SML/ Hydrology lab Dhalli-2023 --

636-37

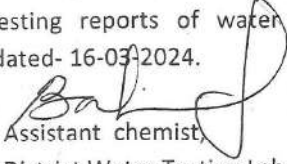
Dated- 19/3/24

To,

The Head Master,
DAV Public School,
Shoghi HP-171219 HP.


Subject: - Report of water analysis.

Please find enclosed herewith the water testing reports of water sample conducted by Distt. water testing laboratory Dhalli, for the dated- 16-03-2024.


Assistant chemist,

District Water Testing Laboratory,
Dhali Shimla-12.

Copy forwarded to Assistant Engineer Hydrology const. & Maint. Sub Division Tutikandi Shimla- 4 for information please .


Assistant chemist.,

District Water Testing Laboratory,
Dhali Shimla-12.


Headmaster

D.A.V. Public School,
Shoghi, H.P. - 171219


Manager

DAV Public School
Shoghi Shimla (H P

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**HIMACHAL PRADESH
JAL SHAKTI VIBHAG
District Water Testing Laboratory
Dhali, Shimla-171012**



TC-12835

TEST REPORT

Name & Address of Customer : The Head Master , DAV Public School , Shoghi HP-171219 HP.	Customer Reference No.	-----	
	ULR No:	TC97702300000714F	
	Sample Submitted by:	Customer	
	Date of Sample Receipt:	16/03/2024	
	Analysis Starting Date:	16/03/2024	
	Analysis Completion Date:	16/03/2024	
	Date of Issue:	18/03/2024.	
Discipline:	Chemical Testing	Group:	Water
Sample Type:	Drinking Water	Mode of sample:	Satisfactory
Test Report No:	1342/2023-24	Sample ID:	DWTL- 1342/03-24
Scheme /Main Source	-----	Source:	RO Water
Location:	Shoghi	Habitation:	Shoghi
Village:	-----	District:	Shimla

Kindly find herewith the Analytical Results.

Sr. No	TEST PARAMETER	UNITS	RESULT	Requirement as per IS 10500:2012		Test Method
				Acceptable limits	Permissible Limit in absence of Alternate source	
1	pH at 25°C	pH Unit	7.07	6.5-8.5	No Relaxation	IS 3025:Part 11-1983 RA2017
2	Total Hardness (as CaCO ₃)	mg/l	254	Max 200	Max 600	IS 3025 Part 21 : 2009 RA2019
3	Total Alkalinity (as CaCO ₃)	mg/l	40	Max 200	Max 600	IS 3025:Part 23 :1986 RA2019
4	Chlorides [as Cl]	mg/l	18.49	Max 250	Max 1000	IS 3025:Part 32 :1988 RA2019
5.	Turbidity	NTU	1.0	↓ NTU, Max	5 NTU, Max	IS 3025:Part 10 :1996 RA2017
6.	Colour	CU	<5.0	5 CU, Max	15 CU, Max	IS 3025:Part 4 :1983 RA2017
7.	Odour	----	Agreeable	Agreeable	Agreeable	IS 3025:Part 5 :2018
8.	Taste	---	---	Agreeable	Agreeable	IS 3025:Part 8 :1984 RA2017
9.	TDS	mg/l	260	500 mg/l, Max	2000 mg/l, Max	IS 3025:Part 16 :1984 RA2019
10.	Calcium (Ca)	mg/l	---	75	200	IS 3025:Part 40 :1991 RA2019
11	Magnesium (Mg)	mg/l	----	30	100	APHA 23 rd Edition-3500-Mg method B (by Calculation).2017

Note:-

1. This report should not be produced partly or fully without approval of signatory authority for legal purpose.
2. The result refer only to tested samples and parameters tested.

Analyzed By

[Signature]

Reviewed by

[Signature]
Harish Banya
Technical Manager
(Authorized Signatory)

----- END OF THE REPORT -----

District Water Testing Laboratory
Dhali, Shimla-12 HP

[Signature]
Headmaster
D.A.V. Public School,
Shoghi, H.P. - 171219

[Signature]
Manager

DAV Public School
Shoghi Shimla HP

**HIMACHAL PRADESH
JAL SHAKTI VIBHAG
District Water Testing Laboratory**

TEST REPORT

Sample -ID.	DWTL-1342-03-24
Name and address of Sender.	The Head Master, DAV Public School, Shoghi HP-171219 HP.
Division.	-----
Sub-Division.	-----
Name of Scheme and Location of source.	-----
Date and Time of Collection.	16/03/2024 at 08:30 AM.
Date and Time of Receipt at Laboratory.	16/03/2024 at 10:50 AM.
Date and Time of Commencing.	16/03/2024 at 11:00 AM.
Type of Sample.	RO Water
Quantity of sample.	1200 ml.
Date of Reporting.	18/03/2024.
Testing Protocol.	IS 10500:2012.

Sr. No	TEST PARAMETER	UNITS	RESULT	Requirement as per IS 10500:2012		Test Method
				Acceptable limits	Permissible Limit in absence of Alternate source	
1	Temperature	Centigrade	16.5°C			
2	Iron	Mg/l	Nil	Min 0.1	Max 1.0	By Spectrophotometer
3	Conductivity	m.mho/cm	380.1	-----	-----	IS 3025 [Part-14] 2013.
4	Flouride	Mg/l	Nil	Min 1.0	Max 1.5	By Spectrophotometer
5	Nitrate.	Mg/l	Nil	Min 45	Max 45	By Spectrophotometer
6.	Sulphate.	Mg/l	----	MAX 200	Max 400	By Spectrophotometer
7.	Free Residual Chlorine	Mg/l	NIL	Min 0.2 to 1.0		IS 3025 ;part 26;1986
8.	Total Coliform	MPN 100 ml	NIL	Nil /100ml.	-----	IS 3025 [1622; 1981]
9	Arsenic	Mg/l	----	-----	Max 0.01	By Spectrophotometer
10.	Ammonia	Mg/l	-----	0.5 mg/l, max	No relaxation	By Spectrophotometer
11.	Manganese	Mg/l	-----	0.1 mg/l, max	0.3 mg/l, max	By Spectrophotometer
12	E.Coli	NIL /100 ML	NIL	NIL Colonies/100 ml	-----	IS 15185:2016

B. J. J.
Assistant Chemist
District Water Testing Laboratory.
Dhali Shimla.12.

----- END OF THE REPORT -----

Q. V.
Headmaster
D.A.V. Public School,
Shoghi, H.P. - 171219

Anurag
Manager
D A V Public School
Shoghi Shimla (H P
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