

Jal Shakti District Water Testing Laboratory, Shamshi

Jal Shakti District Water Testing Laboratory, Shamshi under Jal Shakti Division Kullu (Test Address only)

Test report

Sample Id: U2460840525071994

User Information

Name: BRAHMIRISHI MISSION SCHOOL Mobile: 9418066943
 Email: brahmirishi@gmail.com Pin Code: 175125
 Full Address: Village- BASHONA, Gram Panchayat- BASHONA, Block- BHUNTER, District- Kullu, State- Himachal Pradesh

Sample description

Source of Sample: Borewell Village: BASHONA
 Gram Panchayat: BASHONA Block: BHUNTER
 District: Kullu State: Himachal Pradesh
 Address: Remarks:
 Latitude: Longitude:

Date & time of sample collection

04.12.2024 | 10:00:00 AM

Date & time of sample received in lab

04.12.2024 | 11:00:00 AM

Date & time of sample analysed

06.12.2024 | 11:15:00 AM

Date & time of report generation

06.12.2024 | 03:44:54 PM

Test results

S. No.	Parameters tested	Unit of measurement	Requirement (Acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test Result Value	Method of Analysis	Remarks
1	Ammonia (as Total Ammonia- N)	mg/l	0.5	No Relaxation	0.110	UV-Visible Spectrophotometer	
2	Chloride (as Cl)	mg/l	250	1000	15.150	Argentometric method	

Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Method of Analysis	Remarks
3	Colour	Hazen units	5	15	0.000	Visual comparison method
4	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	MFT
5	Fluoride (as F)	mg/l	1	1.5	0.240	Sodium 2-(parasulphophenylazo)-1,8-dihydroxy-3,6-naphthalene disulphonate (SPADNS) method
6	Free residual Chlorine	mg/l	0.2	1	0.000	Orthotolidine method
7	Iron (As Fe)	mg/l	1	No Relaxation	0.020	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method
8	Nitrate (as NO3)	mg/l	45	No Relaxation	2.900	Nitrate Detection method
9	pH	NA	6.5-8.5	No Relaxation	7.070	Electrometric method
10	Sulphate (as SO4)	mg/l	200	400	9.000	Spectrophotometric method
11	TDS	mg/l	500	2000	340.000	Gravimetric method
12	Temperature	NA	NA	NA	18.300	Temperature
13	Total Alkalinity (as Calcium Carbonate)	mg/l	200	600	190.000	Potentiometric Acid Base Titration
14	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	MFT
15	Total Hardness (As CaCO3)	mg/l	200	600	145.320	EDTA Titrimetric method
16	Turbidity	NTU	1	5	0.800	Nephelometric method

- Note:**
- 1) *Indicates parameters that are NABL accredited.
 - 2) This test results related to the sample tested above
 - 3) The report shall not to be reproduced in full without approval of authority
 - 4) This is the end of the report

Data prepared by
 Chemist: (Pankaj Kumar)
 Microbiologist: (Pankaj Kumar)

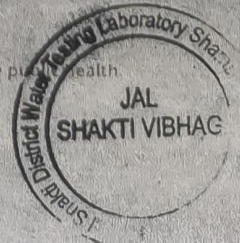
self attested

Authorised signatory
 Ms. Anjana (Test Lab Incharge)

***** This is an electronically generated report and does not require a signature.*****

Jal Jeevan Mission aims at potable tap water supply to every home
 Let us all join hands to ensure drinking water is potable. It helps in preventing water borne diseases and improve public health.

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