



District Level Water Quality Testing and Monitoring Laboratory
Uttarakhand Jal Sansthan, 32, Rajpur Road, Dehradun

TEST REPORT

Name and Address of Organization/ Customer	Er. Vandana Rani, Assistant Engineer(South), Uttarakhand Jal Sansthan, Dehradun, Uttarakhand.		
Reference Sample Identification:	DLWQTML/UJS/2025-26/02-01 to 06	Reporting Date	17/02/2026
Product Description	Drinking Water	Sample Location	Omkar Road- Block-02, Near Bunt Arora Stand Post
Date and Time of Sample Received:	16/02/26 & 11:50 AM	Sample Collected by	Sampling Assistant
		Duration of Analysis	16/02/2026 to 17/02/2026

S N	Parameters	Results	Acceptable Limit (IS10500:2012)	Permissible Limit (IS10500:2012) in the Absence of alternative source	Std. Test Method	Conformity Statement
1.	pH at 25°C	7.49	6.5 to 8.5	No Relaxation	IS 3025 (Part 11)	Pass
2.	Total Dissolved Solids (TDS), mg/L	650	500 Max	2000 Max	IS 3025 (Part 16),	Pass
3.	Turbidity, NTU	0.98	1 Max	5 Max	IS 3025 (Part 10),	Pass
4.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)	Pass
5.	Colour, CU	Less than 01	5 Max	15 Max	IS 3025 (Part 4)	Pass
6.	Total Alkalinity (as CaCO ₃), mg/L	240	200 Max	600 Max	IS 3025 (Part 23),	Pass
7.	Total Hardness (as CaCO ₃), mg/L	300	200 Max	600 Max	IS 3025 (Part 21),	Pass
8.	Calcium as Ca, mg/l	72	75 Max	200 Max	IS 3025 (Part 40),	Pass
9.	Chloride, mg/L,	41	250 Max	1000 Max	IS 3025 (Part 32):	Pass
10.	Magnesium as Mg, mg/l	29.16	30 Max	100 Max	IS 3025 : 46	Pass
11.	Fluoride, mg/L	Less than 0.2	1.0 Max	1.5 Max	IS 3025 (Part60/Sec 1)	Pass
12.	Nitrate, mg/L	2.36	45 Max	No Relaxation	IS 3025 (Part34/Sec 1)	Pass
13.	Sulfate, mg/L	30	200 Max	400 Max	IS 3025 (Part24/Sec 1)	Pass
14.	Residual Free Chlorine, mg/L, Min	0.2	0.2	1.0	APHA 23rd Ed.- 4500-Cl-G	Pass
15.	Total Coliform, (in CFU 100ml)	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass
16.	E. coli, (in CFU 100ml)	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass

Note:-

1. The results listed refer only to tested sample and applicable parameters 2. This certificate is not be reproduced wholly or in parts promotional publicity or legal purpose without permission of authority of testing laboratory. 3. The samples will be destroyed after Seven days from the date of issue of test certificate, unless otherwise agreed with customer. 4. The results apply to the sample as received 5. The Laboratory is responsible for all the information provided in the report, except when information is provided by the customer

**** End of Report****

Review and Authorized By

(Dr. Vikash Kandari)
Technical Manager, Lab



District Level Water Quality Testing and Monitoring Laboratory
Uttarakhand Jal Sansthan, 32, Rajpur Road, Dehradun

TEST REPORT

Name and Address of Organization/ Customer	Er. Vandana Rani, Assistant Engineer(South), Uttarakhand Jal Sansthan, Dehradun, Uttarakhand.		
Reference Sample Identification:	DLWQTML/UJS/2025-26/02-02 to 06	Reporting Date	17/02/2026
Product Description	Drinking Water	Sample Location	Stand Post in front of Mustiq Ahmed
Date and Time of Sample Received:	16/02/26 & 11:50 AM	Sample Collected by	Sampling Assistant
		Duration of Analysis	16/02/2026 to 17/02/2026

SN	Parameters	Results	Acceptable Limit (IS10500:2012)	Permissible Limit (IS10500:2012) in the Absence of alternative source	Std. Test Method	Conformity Statement
1.	pH at 25°C	7.48	6.5 to 8.5	No Relaxation	IS 3025 (Part 11)	Pass
2.	Total Dissolved Solids (TDS), mg/L	648	500 Max	2000 Max	IS 3025 (Part 16),	Pass
3.	Turbidity, NTU	0.92	1 Max	5 Max	IS 3025 (Part 10),	Pass
4.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)	Pass
5.	Colour, CU	Less than 01	5 Max	15 Max	IS 3025 (Part 4)	Pass
6.	Total Alkalinity (as CaCO ₃), mg/L	240	200 Max	600 Max	IS 3025 (Part 23),	Pass
7.	Total Hardness (as CaCO ₃), mg/L	280	200 Max	600 Max	IS 3025 (Part 21),	Pass
8.	Calcium as Ca, mg/l	70.4	75 Max	200 Max	IS 3025 (Part 40),	Pass
9.	Chloride, mg/L,	40	250 Max	1000 Max	IS 3025 (Part 32):	Pass
10.	Magnesium as Mg, mg/l	25.27	30 Max	100 Max	IS 3025 : 46	Pass
11.	Fluoride, mg/L	Less than 0.2	1.0 Max	1.5 Max	IS 3025 (Part60/Sec 1)	Pass
12.	Nitrate, mg/L	2.30	45 Max	No Relaxation	IS 3025 (Part34/Sec 1)	Pass
13.	Sulfate, mg/L	28	200 Max	400 Max	IS 3025 (Part24/Sec 1)	Pass
14.	Residual Free Chlorine, mg/L, Min	0.2	0.2	1.0	APHA 23rd Ed.-4500-Cl-G	Pass
15.	Total Coliform, (in CFU 100ml)	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass
16.	E. coli, (in CFU 100ml)	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass

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Technical Manager, Lab



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Uttarakhand Jal Sansthan, 32, Rajpur Road, Dehradun

TEST REPORT

Name and Address of Organization/ Customer	Er. Vandana Rani, Assistant Engineer(South), Uttarakhand Jal Sansthan, Dehradun, Uttarakhand.		
Reference Sample Identification:	DLWQTML/UJS/2025-26/02-03 to 06	Reporting Date	17/02/2026
Product Description	Drinking Water	Sample Location	Stand Post in front of Sonu Sonkar Ward No.17
Date and Time of Sample Received:	16/02/26 & 11:50 AM	Sample Collected by	Sampling Assistant
		Duration of Analysis	16/02/2026 to 17/02/2026

SN	Parameters	Results	Acceptable Limit (IS10500:2012)	Permissible Limit (IS10500:2012) in the Absence of alternative source	Std. Test Method	Conformity Statement
1.	pH at 25°C	7.43	6.5 to 8.5	No Relaxation	IS 3025 (Part 11)	Pass
2.	Total Dissolved Solids (TDS), mg/L	650	500 Max	2000 Max	IS 3025 (Part 16),	Pass
3.	Turbidity, NTU	0.97	1 Max	5 Max	IS 3025 (Part 10),	Pass
4.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)	Pass
5.	Colour, CU	Less than 01	5 Max	15 Max	IS 3025 (Part 4)	Pass
6.	Total Alkalinity (as CaCO ₃), mg/L	240	200 Max	600 Max	IS 3025 (Part 23),	Pass
7.	Total Hardness (as CaCO ₃), mg/L	300	200 Max	600 Max	IS 3025 (Part 21),	Pass
8.	Calcium as Ca, mg/l	72	75 Max	200 Max	IS 3025 (Part 40),	Pass
9.	Chloride, mg/L,	41	250 Max	1000 Max	IS 3025 (Part 32):	Pass
10.	Magnesium as Mg, mg/l	29.16	30 Max	100 Max	IS 3025 : 46	Pass
11.	Fluoride, mg/L	Less than 0.2	1.0 Max	1.5 Max	IS 3025 (Part60/Sec 1)	Pass
12.	Nitrate, mg/L	2.36	45 Max	No Relaxation	IS 3025 (Part34/Sec 1)	Pass
13.	Sulfate, mg/L	30	200 Max	400 Max	IS 3025 (Part24/Sec 1)	Pass
14.	Residual Free Chlorine, mg/L, Min	0.2	0.2	1.0	APHA 23rd Ed.- 4500-Cl-G	Pass
15.	Total Coliform, (in CFU 100ml)	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass
16.	E. coli, (in CFU 100ml)	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass

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TEST REPORT

Name and Address of Organization/ Customer	Er. Vandana Rani, Assistant Engineer(South), Uttarakhand Jal Sansthan, Dehradun, Uttarakhand.		
Reference Sample Identification:	DLWQTML/UJS/2025- 26/02-04 to 06	Reporting Date	17/02/2026
Product Description	Drinking Water	Sample Location	Stand Post -GPO- Dehradun
Date and Time of Sample Received:	16/02/26 & 11:50 AM	Sample Collected by	Sampling Assistant
		Duration of Analysis	16/02/2026 to 17/02/2026

SN	Parameters	Results	Acceptable Limit (IS10500:2012)	Permissible Limit (IS10500:2012) in the Absence of alternative source	Std. Test Method	Conformity Statement
1.	pH at 25°C	7.92	6.5 to 8.5	No Relaxation	IS 3025 (Part 11)	Pass
2.	Total Dissolved Solids (TDS), mg/L	672	500 Max	2000 Max	IS 3025 (Part 16),	Pass
3.	Turbidity, NTU	0.98	1 Max	5 Max	IS 3025 (Part 10),	Pass
4.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)	Pass
5.	Colour, CU	Less than 01	5 Max	15 Max	IS 3025 (Part 4)	Pass
6.	Total Alkalinity (as CaCO ₃), mg/L	220	200 Max	600 Max	IS 3025 (Part 23),	Pass
7.	Total Hardness (as CaCO ₃), mg/L	234	200 Max	600 Max	IS 3025 (Part 21),	Pass
8.	Calcium as Ca, mg/l	53.6	75 Max	200 Max	IS 3025 (Part 40),	Pass
9.	Chloride, mg/L,	36	250 Max	1000 Max	IS 3025 (Part 32):	Pass
10.	Magnesium as Mg, mg/l	24.3	30 Max	100 Max	IS 3025 : 46	Pass
11.	Fluoride, mg/L	0.20	1.0 Max	1.5 Max	IS 3025 (Part60/Sec 1)	Pass
12.	Nitrate, mg/L	2.69	45 Max	No Relaxation	IS 3025 (Part34/Sec 1)	Pass
13.	Sulfate, mg/L	42.36	200 Max	400 Max	IS 3025 (Part24/Sec 1)	Pass
14.	Total Coliform, (in CFU 100ml)	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass
15.	E. coli, (in CFU 100ml)	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass

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Name and Address of Organization/ Customer	Er. Vandana Rani, Assistant Engineer(South), Uttarakhand Jal Sansthan, Dehradun, Uttarakhand.		
Reference Sample Identification:	DLWQTML/UJS/2025-26/02-05 to 06	Reporting Date	17/02/2026
Product Description	Drinking Water	Sample Location	Stand Post - Chukkuwala
Date and Time of Sample Received:	16/02/26 & 11:50 AM	Sample Collected by	Sampling Assistant
		Duration of Analysis	16/02/2026 to 17/02/2026

SN	Parameters	Results	Acceptable Limit (IS10500:2012)	Permissible Limit (IS10500:2012) in the Absence of alternative source	Std. Test Method	Conformity Statement
1.	pH at 25°C	7.55	6.5 to 8.5	No Relaxation	IS 3025 (Part 11)	Pass
2.	Total Dissolved Solids (TDS), mg/L	600	500 Max	2000 Max	IS 3025 (Part 16),	Pass
3.	Turbidity, NTU	0.62	1 Max	5 Max	IS 3025 (Part 10),	Pass
4.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)	Pass
5.	Colour, CU	Less than 01	5 Max	15 Max	IS 3025 (Part 4)	Pass
6.	Total Alkalinity (as CaCO ₃), mg/L	220	200 Max	600 Max	IS 3025 (Part 23),	Pass
7.	Total Hardness (as CaCO ₃), mg/L	250	200 Max	600 Max	IS 3025 (Part 21),	Pass
8.	Calcium as Ca, mg/l	66.4	75 Max	200 Max	IS 3025 (Part 40),	Pass
9.	Chloride, mg/L,	35	250 Max	1000 Max	IS 3025 (Part 32):	Pass
10.	Magnesium as Mg, mg/l	20.41	30 Max	100 Max	IS 3025 : 46	Pass
11.	Fluoride, mg/L	Less than 0.2	1.0 Max	1.5 Max	IS 3025 (Part60/Sec 1)	Pass
12.	Nitrate, mg/L	1.86	45 Max	No Relaxation	IS 3025 (Part34/Sec 1)	Pass
13.	Sulfate, mg/L	34.26	200 Max	400 Max	IS 3025 (Part24/Sec 1)	Pass
14.	Residual Free Chlorine, mg/L, Min	0.2	0.2	1.0	APHA 23rd Ed.-4500-Cl-G	Pass
15.	Total Coliform, (in CFU 100ml)	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass
16.	E. coli, (in CFU 100ml)	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass

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Name and Address of Organization/ Customer	Er. Vandana Rani, Assistant Engineer(South), Uttarakhand Jal Sansthan, Dehradun, Uttarakhand.		
Reference Sample Identification:	DLWQTML/UJS/2025-26/02-06 to 06	Reporting Date	17/02/2026
Product Description	Drinking Water	Sample Location	Stand Post – Rajani Rawat wali Gali
Date and Time of Sample Received:	16/02/26 & 11:50 AM	Sample Collected by	Sampling Assistant
		Duration of Analysis	16/02/2026 to 17/02/2026

SN	Parameters	Results	Acceptable Limit (IS10500:2012)	Permissible Limit (IS10500:2012) in the Absence of alternative source	Std. Test Method	Conformity Statement
1.	pH at 25°C	7.55	6.5 to 8.5	No Relaxation	IS 3025 (Part 11)	Pass
2.	Total Dissolved Solids (TDS), mg/L	610	500 Max	2000 Max	IS 3025 (Part 16),	Pass
3.	Turbidity, NTU	0.46	1 Max	5 Max	IS 3025 (Part 10),	Pass
4.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)	Pass
5.	Colour, CU	Less than 01	5 Max	15 Max	IS 3025 (Part 4)	Pass
6.	Total Alkalinity (as CaCO ₃), mg/L	210	200 Max	600 Max	IS 3025 (Part 23),	Pass
7.	Total Hardness (as CaCO ₃), mg/L	230	200 Max	600 Max	IS 3025 (Part 21),	Pass
8.	Calcium as Ca, mg/l	44.8	75 Max	200 Max	IS 3025 (Part 40),	Pass
9.	Chloride, mg/L,	28	250 Max	1000 Max	IS 3025 (Part 32):	Pass
10.	Magnesium as Mg, mg/l	28.67	30 Max	100 Max	IS 3025 : 46	Pass
11.	Fluoride, mg/L	Less than 0.2	1.0 Max	1.5 Max	IS 3025 (Part 60/Sec 1)	Pass
12.	Nitrate, mg/L	1.80	45 Max	No Relaxation	IS 3025 (Part 34/Sec 1)	Pass
13.	Sulfate, mg/L	32	200 Max	400 Max	IS 3025 (Part 24/Sec 1)	Pass
14.	Residual Free Chlorine, mg/L, Min	0.2	0.2	1.0	APHA 23rd Ed.-4500-Cl-G	Pass
15.	Total Coliform, (in CFU 100ml)	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass
16.	E. coli, (in CFU 100ml)	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass

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