



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

**TEST REPORT**

<b>Name and Address of Organization/ Customer</b>	Er. Vandana Rani, Assistant Engineer(South), Uttarakhand Jal Sansthan, Dehradun, Uttarakhand.		
<b>Reference Sample Identification:</b>	DLWQTM/ UJS/2025-26/02-01 to 06	<b>Reporting Date</b>	17/02/2026
<b>Product Description</b>	Drinking Water	<b>Sample Location</b>	Omkar Road- Block-02, Near Bunty Arora Stand Post
<b>Date and Time of Sample Received:</b>	16/02/26 & 11:50 AM	<b>Sample Collected by</b>	Sampling Assistant
		<b>Duration of Analysis</b>	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.	<b>pH at 25°C</b>	7.49	6.5 to 8.5	No Relaxation	IS 3025 (Part 11)	Pass
2.	<b>Total Dissolved Solids (TDS), mg/L</b>	650	500 Max	2000 Max	IS 3025 (Part 16),	Pass
3.	<b>Turbidity, NTU</b>	0.98	1 Max	5 Max	IS 3025 (Part 10),	Pass
4.	<b>Odour</b>	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)	Pass
5.	<b>Colour, CU</b>	Less than 01	5 Max	15 Max	IS 3025 (Part 4)	Pass
6.	<b>Total Alkalinity (as CaCO<sub>3</sub>), mg/L</b>	240	200 Max	600 Max	IS 3025 (Part 23),	Pass
7.	<b>Total Hardness (as CaCO<sub>3</sub>), mg/L</b>	300	200 Max	600 Max	IS 3025 (Part 21),	Pass
8.	<b>Calcium as Ca, mg/l</b>	72	75 Max	200 Max	IS 3025 (Part 40),	Pass
9.	<b>Chloride, mg/L,</b>	41	250 Max	1000 Max	IS 3025 (Part 32):	Pass
10.	<b>Magnesium as Mg, mg/l</b>	29.16	30 Max	100 Max	IS 3025 : 46	Pass
11.	<b>Fluoride, mg/L</b>	Less than 0.2	1.0 Max	1.5 Max	IS 3025 (Part60/Sec 1)	Pass
12.	<b>Nitrate, mg/L</b>	2.36	45 Max	No Relaxation	IS 3025 (Part34/Sec 1)	Pass
13.	<b>Sulfate, mg/L</b>	30	200 Max	400 Max	IS 3025 (Part24/Sec 1)	Pass
14.	<b>Residual Free Chlorine, mg/L, Min</b>	0.2	0.2	1.0	APHA 23rd Ed.- 4500-Cl-G	Pass
15.	<b>Total Coliform, (in CFU 100ml)</b>	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass
16.	<b>E. coli, (in CFU 100ml)</b>	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass

Note:-

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\*\*\*\* 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**

<b>Name and Address of Organization/ Customer</b>	Er. Vandana Rani, Assistant Engineer(South), Uttarakhand Jal Sansthan, Dehradun, Uttarakhand.		
<b>Reference Sample Identification:</b>	DLWQTM/L/2025-26/02-02 to 06	<b>Reporting Date</b>	17/02/2026
<b>Product Description</b>	Drinking Water	<b>Sample Location</b>	Stand Post in front of Mustiq Ahmed
<b>Date and Time of Sample Received:</b>	16/02/26 & 11:50 AM	<b>Sample Collected by</b>	Sampling Assistant
		<b>Duration of Analysis</b>	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.	<b>pH at 25°C</b>	7.48	6.5 to 8.5	No Relaxation	IS 3025 (Part 11)	Pass
2.	<b>Total Dissolved Solids (TDS), mg/L</b>	648	500 Max	2000 Max	IS 3025 (Part 16),	Pass
3.	<b>Turbidity, NTU</b>	0.92	1 Max	5 Max	IS 3025 (Part 10),	Pass
4.	<b>Odour</b>	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)	Pass
5.	<b>Colour, CU</b>	Less than 01	5 Max	15 Max	IS 3025 (Part 4)	Pass
6.	<b>Total Alkalinity (as CaCO<sub>3</sub>), mg/L</b>	240	200 Max	600 Max	IS 3025 (Part 23),	Pass
7.	<b>Total Hardness (as CaCO<sub>3</sub>), mg/L</b>	280	200 Max	600 Max	IS 3025 (Part 21),	Pass
8.	<b>Calcium as Ca, mg/l</b>	70.4	75 Max	200 Max	IS 3025 (Part 40),	Pass
9.	<b>Chloride, mg/L</b>	40	250 Max	1000 Max	IS 3025 (Part 32):	Pass
10.	<b>Magnesium as Mg, mg/l</b>	25.27	30 Max	100 Max	IS 3025 : 46	Pass
11.	<b>Fluoride, mg/L</b>	Less than 0.2	1.0 Max	1.5 Max	IS 3025 (Part60/Sec 1)	Pass
12.	<b>Nitrate, mg/L</b>	2.30	45 Max	No Relaxation	IS 3025 (Part34/Sec 1)	Pass
13.	<b>Sulfate, mg/L</b>	28	200 Max	400 Max	IS 3025 (Part24/Sec 1)	Pass
14.	<b>Residual Free Chlorine, mg/L, Min</b>	0.2	0.2	1.0	APHA 23rd Ed.-4500-Cl-G	Pass
15.	<b>Total Coliform, (in CFU 100ml)</b>	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass
16.	<b>E. coli, (in CFU 100ml)</b>	Absent	Shall not be detectable in any 100 ml sample		IS 15185:2016	Pass

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**Review and Authorized By**

**(Dr. Vikash Kandari)**  
**Technical Manager, Lab**



**District Level Water Quality Testing and Monitoring Laboratory**  
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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:	DLWQTM/LJS/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 <sub>3</sub> ), mg/L	240	200 Max	600 Max	IS 3025 (Part 23),	Pass
7.	Total Hardness (as CaCO <sub>3</sub> ), 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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**Technical Manager, Lab**



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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:	DLWQTM/L/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 <sub>3</sub> ), mg/L	220	200 Max	600 Max	IS 3025 (Part 23),	Pass
7.	Total Hardness (as CaCO <sub>3</sub> ), 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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**TEST REPORT**

Name and Address of Organization/ Customer	Er. Vandana Rani, Assistant Engineer(South), Uttarakhand Jal Sansthan, Dehradun, Uttarakhand.		
Reference Sample Identification:	DLWQTM/1JS/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 <sub>3</sub> ), mg/L	220	200 Max	600 Max	IS 3025 (Part 23),	Pass
7.	Total Hardness (as CaCO <sub>3</sub> ), 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 (Part 60/Sec 1)	Pass
12.	Nitrate, mg/L	1.86	45 Max	No Relaxation	IS 3025 (Part 34/Sec 1)	Pass
13.	Sulfate, mg/L	34.26	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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**TEST REPORT**

<b>Name and Address of Organization/ Customer</b>		Er. Vandana Rani, Assistant Engineer(South), Uttarakhand Jal Sansthan, Dehradun, Uttarakhand.				
<b>Reference Sample Identification:</b>		DLWQTM/L/UJS/2025-26/02-06 to 06	<b>Reporting Date</b>	17/02/2026		
<b>Product Description</b>		Drinking Water	<b>Sample Location</b>	Stand Post – Rajani Rawat waliGali		
<b>Date and Time of Sample Received:</b>		16/02/26 & 11:50 AM	<b>Sample Collected by</b>	Sampling Assistant		
			<b>Duration of Analysis</b>	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 <sub>3</sub> ), mg/L	210	200 Max	600 Max	IS 3025 (Part 23),	Pass
7.	Total Hardness (as CaCO <sub>3</sub> ), 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 (Part60/Sec 1)	Pass
12.	Nitrate, mg/L	1.80	45 Max	No Relaxation	IS 3025 (Part34/Sec 1)	Pass
13.	Sulfate, mg/L	32	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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