



**DISTRICT WATER TESTING LABORATORY**  
**PUBLIC HEALTH ENGINEERING DEPARTMENT**  
Near New Bus Stand, Leh- 194101 Union Territory – Ladakh  
**Doc. No. DWTL/7.8/F-01**  
**TEST REPORT**

Name & Address of Customer: -

**Jamyang school**

Customer Reference No:-

Date of Sample receipt	05/06/2024	Date of Issue	06/06/2024
Analysis starting Date	05/06/2024	Analysis Completion Date	05/06/2024
Discipline:	Chemical testing	Group:	Water
Sample Type:	Drinking Water	Mode of Sample:	Satisfactory
Test Report No:	221	Sample ID:	DWTL/2024-25/221
Source/ Scheme	Ground Water/Borewell	Location	Murtsey colony

Kindly find herewith the Analytical results.

S.No	Parameter	Unit	IS-10500:2012 (2 <sup>nd</sup> Revision)		Reference Method:	Analytical Value
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
			Max.	Max.		
1	Colour	Hazen	5	15	APHA 23 <sup>rd</sup> Ed.2017; Method: 2120B	BDL
2	Odour	-	Agreeable	Agreeable	IS:3025 (Part-5):2018 (2 <sup>nd</sup> Revision)	Agreeable
3	Taste	-	Agreeable	Agreeable	IS:3025 (Part-8):1984 (Reaffirmed 2017)	Agreeable
4	Turbidity	N.T.U	1	5	APHA 23 <sup>rd</sup> Ed. 2017; Method: 2130B	0.61
5	pH at 25°C	-	6.5 to 8.5	No Relaxation	APHA 23 <sup>rd</sup> Ed. 2017; Method: 4500 H <sup>+</sup> B	7.95
6	Total Dissolved Solids	mg/L	500	2000	APHA 23 <sup>rd</sup> Ed. 2017; Method:2540 C	298
7	Total Hardness (as CaCO <sub>3</sub> )	mg/L	200	600	APHA 23 <sup>rd</sup> Ed. 2017; Method:2340C	201.96
8	Calcium (as Ca <sup>+2</sup> )	mg/L	75	200	APHA 23 <sup>rd</sup> Ed. 2017; Method: 3500Ca B	69.83
9	Magnesium (as Mg <sup>+2</sup> )	mg/L	30	100	APHA 23 <sup>rd</sup> Ed. 2017; Method: 3500 MgB	6.65
10	Chloride (as Cl <sup>-</sup> )	mg/L	250	1000	APHA 23 <sup>rd</sup> Ed. 2017; Method:4500 Cl <sup>-</sup> B	13.99
11	Fluoride (as F <sup>-</sup> )	mg/L	1	1.5	APHA 23 <sup>rd</sup> Ed. 2017; Method: 4500 F <sup>-</sup> C	0.08
12	Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	200	600	APHA 23 <sup>rd</sup> Ed. 2017; Method 2320B	204
13	Sulphate (as SO <sub>4</sub> <sup>2-</sup> )	mg/L	200	400	APHA 23 <sup>rd</sup> Ed.2017;4500 SO <sub>4</sub> <sup>2-</sup> E	72.6

**This Report is issued under the following terms & conditions:**

1. The results given above are related to the sample as received and tested in DWTL, Leh. Reliability of sample lies with the sender.
2. This test report can't be reproduced wholly or in part without written permission of Laboratory.
3. This test report can't be used for any publicity or any legal purpose.
4. This test was performed under environmental condition of (Temp. 25±5 °C & Relative Humidity (Rh) 30 ±15%).
5. The test sample will be disposed of after retention period (10days) from the date of issue of test report unless until specifically requested by the customer.

Authorised Signatory:

(Stanzin Zesdan)

CONTROLLED COPY

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Customer Reference No:

Date of Sample receipt	05/06/2024	Date of Issue	06/06/2024
Analysis starting Date	05/06/2024	Analysis Completion Date	05/06/2024
Discipline:	Bacterial testing	Group:	Water
Sample Type:	Drinking Water	Mode of Sample:	Satisfactory
Test Report No:	221	Sample ID:	DWTL/2024-25/221
Source/Scheme:	Ground Water/borewell	Location	Murtsey colony

Kindly find herewith the Analytical results.

S.No	Parameter	Unit	IS-10500:2012 (2 <sup>nd</sup> Revision)		Reference Method:	Analytical Value
			Requirement (Acceptable Limit) Max.	Permissible Limit in the Absence of Alternate Source Max.		
1	Nitrate (as NO <sub>3</sub> <sup>-</sup> )	mg/L	45	No Relaxation	APHA 23 <sup>rd</sup> Ed. 2017; Method: 4500 NO <sub>3</sub> <sup>-</sup> B	5.0
2	Iron	mg/L	0.3	1.0	APHA 23 <sup>rd</sup> Ed. 3500 Fe B	0.03
3	Conductivity	µS/cm	-	-	APHA 23 <sup>rd</sup> Ed. 2150 B	380
4	Free residual Chlorine	mg/L	0.2	1.0	Photometric, DPD	0.0
5	Total Coliform	CFU/100mL	Nil	Nil	APHA 23 <sup>rd</sup> Ed. 2017; Membrane Filter Technique	0.0
6	Escherichia coli	CFU/100mL	Nil	Nil	APHA 23 <sup>rd</sup> Ed. 2017; Membrane Filter Technique	0.0

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 (Stanzin Zesdan)  
 Technical Manager  
 DWTL Leh