

DISTRICT WATER TESTING LABORATORY / MOBILE WATER TESTING LABORATORY DEPARTMENT OF W/S & SANITATION, PUNJAB

ANALYSIS REPORT OF WATER SAMPLE

Particular of Sample

AMRITSAR

Sample No. 8/0

1. Name of Place <u>DIPS school Rayya Amritsar</u>				
District <u>Asa</u> Block Village Location				
2. Source of the sample (Tick) Canal / Tubewell / Hand Pump / Any Other <u>Hand Pump</u>				
3. Name / Designation of the person who collected the sample <u>Principal DIPS school Rayya Asa</u>				
4. (i) Date & Time of receipt in the Lab <u>3/2024</u>				
(ii) Commencement of Test <u>27/2024</u>				
5. Type of Disinfection (Tick) Silver Ionization / Chlorination / None				

Sr. No.	Test	Desirable Limit	Permissible Limit	Result
1.	Turbidity (NTU) Max	5.0	10	<u>N12</u>
2.	Colour (Visual)	----	Un objectionable	<u>Colourless</u>
3.	Taste & Odour (Qualitative)	----	Un objectionable	<u>odourless</u>
4.	pH	6.5 to 8.5	No relaxation	<u>7.8</u>
5.	Total Dissolved Solids mg / l Max.	500	2000	<u>260</u>
6.	Total Alkalinity (as Ca, CO ₃), mg/l, Max	200	600	<u>240</u>
7.	Total Hardness (as Ca, CO ₃), mg/l, Max	300	600	<u>236</u>
8.	Calcium (Ca), mg/l, Max.	75	200	<u>54</u>
9.	Chloride Mg/l. Max.	250	1000	<u>24</u>
10.	Residual Chlorine (as Cl), mg/l, Max.	0.2	0.5	<u>-</u>
11.	Fluorides (as F), mg/l, Max	1.0	1.5	<u>0.12</u>
12.	Nitrate (as NO ₃), mg/l, Max	45	100	<u>-</u>
13.	Sulphate (as SO ₄), mg/l, Max	200	400	<u>44</u>
14.	Iron (as (Fe), mg/l	0.3	1.0	<u>N14</u>

Bacteriological Parameters :

1. Test for Total Coliform by MPN method with Maconky Broth

10m/
 1m/x
 C.1m/x
2. Test for Fecal Coliform by MPN method with Aq Broth
(Conducted if Total Coliform present)

Report:

1. The water is potable / not potable
2. The following parameters are more than the Desirable limit but last than the permissible limit.
(Sample not drawn by us. Unless and other wise stated)

In charge,
District Water Testing Laboratory,

WATER QUALITY TESTING LABORATORY

AMRITSAR.

Sample No. 245

ANALYSIS REPORT FOR BACTERIOLOGICAL EXAMINATION OF WATER SAMPLE

PARTICULARS OF SAMPLE :

1. Name of Place DPS School Rayya Amritsar
2. Source of the sample and its location 51 km
3. Whether water chlorinated or not
4. Depth and Spring Level
5. Date and time of Collection 11/3/2024
6. Name and designation of the Principal DPS School Rayya person collecting the sample
7. Date and time of receipt at Laboratory 5/3/2024
8. Date and time of commencing of examination 5/3/2024

10 M/X 1

Acid and Gas

Present1 M/X 0

Acid and Gas

Absent0.1 M/X 1

Acid and Gas

Present

Probable / & No. of Coli Forms

Per 100 ML. of Water

<4

Water Sample

Satisfactory

Incharge

Water Quality Testing Laboratory
Amritsar.