

JAB,

**IRRIGATION & POWER RESEARCH INSTITUTE
AMRITSAR
WATER TESTING REPORT**

File 5/14/2/24

Physico-Chemical analysis report of the water sample received from Principal, Kendriya Vidyalaya D.B.N. Shikar, Gurdaspur, Punjab vide letter no. F.2-9/1696/K.V. Shikar/2023-24 dated 31.01.2024 and received testing fee of Rs. 3190/- vide D.D. No. "921394" dated 25.01.2024 of UNION Bank.

Total No. of Water Samples: **1 No. (Sample supplied by the party)**
Whether Sample sealed or not: **Not Sealed**
Distinguishing mark (if Any) : **Wrapped in white paper with stamp.**
Date of Sample Received: **01.02.2024**
Sample Location: **Kendriya Vidyalaya D.B.N. Shikar, Gurdaspur.
(As per your letter)**

Lab Regd. No.: **CD-101/ 2023-24**

S. No	Tests	Test results of sample	Acceptable limits as per Second Revision of IS 10500 : 2012
1	Colour (Hazen)	Less than 5 Hazen units	5
2	Odour	Agreeable	Agreeable
3	Turbidity (NTU)	<0.1	1.0 (Max.)
4	pH value	7.12	6.5 to 8.5
5	Conductivity (micromhos/cm)	50	-----
6	Total Dissolved Solids (mg/l)	32	500 (Max.)
7	Carbonate, mg/l	Nil	-----
8	Bicarbonate, mg/l	24.4	200 (Max.)
9	Calcium (as Ca) mg/l	4.0	75 (Max.)
10	Magnesium (as Mg), mg/l	2.43	30 (Max.)
11	Chlorides (as Cl), mg/l	6.0	250 (Max.)
12	Sulphate (as SO ₄), mg/l	8.23	200 (Max.)
13	Total Hardness as CaCO ₃ , mg/l	20	200 (Max.)

Remarks:

- The supplied water sample was tested as per IS: 3025-1964 (Reaffirmed 2005).
- The test report relates only to the sample concerned. The lab has no responsibility whatsoever for any discrepancies at site.

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