

REGIONAL WATER TESTING LAB, AMRITSAR
New Golden Avenue, Opposite Dhubi Ghat, Near Jaura Phatak, Amritsar.
rwtlasr1@gmail.com

TEST REPORT

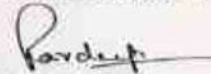
| | | | |
|--|--|--------------------------|--|
| Name & Address of Customer : SDE Water Supply and Sanitation Sub Division No.1 Barnala | | Customer Reference No | No : 915 Dated : 30/04/2024 |
| SDE Water Supply and Sanitation Sub Division No.1 Barnala | | Sample Submitted by | Mr.Shamsher Singh |
| | | Date of Sample Receipt | 07/05/2024 |
| | | Analysis Starting Date | 07/05/2024 |
| | | Analysis completion Date | 08/05/2024 |
| Discipline : Chemical Testing | | Group: Water | |
| ULR No.: | | Sample Type : | Treated Water |
| Test Report No.: | RWTLASR/2425/00160 | Date of issue : | 13/05/2024 |
| Registration no.: | RWTLASR/REG2425/01294 | Condition of Sample : | Unsealed |
| Collection Point: | Treatment Plant (RO/CWPP/ARP/HH Purifier) | Quantity/Type of Bottle: | 1000 ml / Plastic Bottles |
| Scheme/Source: | Not Mentioned(Not Mentioned) | Location/Depth : | Akal Academy Raja, Barnala(RO) / NA |
| Village : | Not Mentioned | Habitation : | Not Mentioned |
| Block: | Not Mentioned | District : | Barnala |
| Latitude : | Not Mentioned | Longitude: | Not Mentioned |

| Sr. No | Parameter | Result | As per IS-10500:2012 (2nd Rev.) | | Unit | Reference Method : |
|--------|-------------------|-----------|---------------------------------|-------------------|------|--|
| | | | Acceptable Limit | Permissible Limit | | |
| 1 | pH | 7.72@25°C | 6.5-8.5 | No Relaxation | — | IS 3025 (Part 11-2022) Electrometric Method |
| 2 | Colour | 1 | 5 | 15 | CU | IS 3025(Part 4-2021) Visual Comparison Method |
| 3 | Odour | Agreeable | Agreeable | Agreeable | — | IS 3025 (Part 5 – 2018) (Second Revision) |
| 4 | TDS | 61 | 500 | 2000 | mg/l | IS 3025 (Part 16-2023) Gravimetric Method |
| 5 | Turbidity | 0.30@25°C | 1 | 5 | NTU | IS 3025 (Part 10-2023) Nephelometric Method |
| 6 | Alkalinity(CaCO3) | 80 | 200 | 600 | mg/l | IS 3025 (Part 23-2023) Indicator Method |
| 7 | Hardness(CaCO3) | 52 | 200 | 600 | mg/l | IS 3025 (Part 21- 2009)(RA 2019) EDTA Method |
| 8 | Calcium(Ca) | 9.61 | 75 | 200 | mg/l | IS 3025 (Part 40-1991) EDTA Titrimetric Method |
| 9 | Magnesium(Mg) | 6.80 | 30 | 100 | mg/l | APHA (24th Ed.2023) Method: 3500-Mg+2 B. By Calculation Method |
| 10 | Chloride(Cl) | 17.99 | 250 | 1000 | mg/l | IS 3025 (Part 32-1988) Argentometric Method |

This Report is issued under the following terms & Condition :

- The results apply to the sample as received only.
- The sample will be destroyed after retention time unless otherwise specified specially.
- This report is not to be reproduced wholly or in part and can't be used as evidence in court of law.
- Abbreviation used (TDS = Total Dissolved Solids, mg/l = milligram per liter, BDL = Below detect. limit, APHA = American Public Health Association, IS = Indian Standard, NT = Not Tested, NA = Not Applicable NTU = Nephelometric Turbidity Unit, RA = Reaffirmed, ND=Not Detected)
- * Value not available as test not performed for this parameter.
- Temperature condition test: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By



Mr. Pardeep Kumar
Quality Manager
Authorized Signatory
For, Regional Water Testing Lab
Amritsar

End of the Test Report

REGIONAL WATER TESTING LAB, AMRITSAR
New Golden Avenue, Opposite Dhoobi Ghat, Near Jaura Phatak, Amritsar.
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TEST REPORT

| | | |
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| Name & Address of Customer: SDE Water Supply and Sanitation Sub Division No.1 Barnala SDE Water Supply and Sanitation Sub Division No.1 Barnala | | Customer Reference No. No : 915 Dated : 30/04/2024 |
| Sample Submitted by Mr. Shamsheer Singh | | Date of Sample Receipt 07/05/2024 |
| Analysis Starting Date 11/05/2024 | | Analysis completion Date 11/05/2024 |
| Discipline : Chemical Testing | | Group: Water |
| ULR No.: | | Sample Type : Treated Water |
| Test Report No.: | RWTLASR/2425/00160 | Date of Issue : 13/05/2024 |
| Registration no.: | RWTLASR/REG2425/01295 | Condition of Sample : Unsealed |
| Collection Point: Treatment Plant (RO/CWPP/AMP/HH Purifier) | | Quantity/Type of Bottle: 500 ml / Amber Colored Glass Bottle |
| Scheme/Source: Not Mentioned(Not Mentioned) | | Location/Depth : Akal Academy Rajia, Barnala(BD) / NA |
| Village : Not Mentioned | | Habitation : Not Mentioned |
| Block: Not Mentioned | | District : Barnala |
| Latitude : Not Mentioned | | Longitude: Not Mentioned |

| Sr. No | Parameter | Result | As per IS-10500:2012 (2nd Rev.) | | Unit | Reference Method : |
|--------|---------------|------------|---------------------------------|-------------------|------|---|
| | | | Acceptable Limit | Permissible Limit | | |
| 1 | Aluminium(Al) | BDL(0.010) | 0.03 | 0.2 | mg/l | APHA (24th Ed.2023) Method: 3125 B By ICPMS |
| 2 | Lead | BDL(0.005) | 0.01 | No Relaxation | mg/l | APHA (24th Ed.2023) Method: 3125 B By ICPMS |
| 3 | Selenium | BDL(0.005) | 0.01 | No Relaxation | mg/l | APHA (24th Ed.2023) Method: 3125 B By ICPMS |
| 4 | Chromium(Cr) | BDL(0.005) | 0.05 | No Relaxation | mg/l | APHA (24th Ed.2023) Method: 3125 B By ICPMS |
| 5 | Mercury | BDL(0.005) | 0.001 | No Relaxation | mg/l | APHA (24th Ed.2023) Method: 3125 B By ICPMS |
| 6 | Arsenic(Ao) | 0.003 | 0.01 | No relaxation | mg/l | APHA (24th Ed.2023) Method: 3125 B By ICPMS |
| 7 | Cadmium(Cd) | BDL(0.001) | 0.003 | No Relaxation | mg/l | APHA (24th Ed.2023) Method: 3125 B By ICPMS |
| 8 | Nickel | BDL(0.005) | 0.02 | No Relaxation | mg/l | APHA (24th Ed.2023) Method: 3125 B By ICPMS |
| 9 | Iron(Fe) | BDL(0.005) | 1 | No Relaxation | mg/l | APHA (24th Ed.2023) Method: 3125 B By ICPMS |
| 10 | Copper(Cu) | 0.004 | 0.05 | 1.5 | mg/l | APHA (24th Ed.2023) Method: 3125 B By ICPMS |
| 11 | Uranium | 3.473 | 30 | No Relaxation | µg/l | APHA (24th Ed.2023) Method: 3125 B By ICPMS |

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- * Value not available or test not performed for this parameter.
- Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

Pardup

Mr. Pardup Kumar
Quality Manager
Authorized Signatory
For Regional Water Testing Lab
Amritsar

End of the Test Report

Jas
Headmistress
Akal Academy
Barnala