

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

TEST REPORT

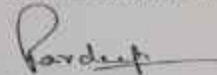
Name & Address of Customer : SDE Water Supply and Sanitation Sub Division No.1 Barnala SDE Water Supply and Sanitation Sub Division No.1 Barnala		Customer Reference No. No : 955 Dated : 30/04/2024
		Sample Submitted by Mr.Shamsher Singh
		Date of Sample Receipt 07/05/2024
		Analysis Starting Date 07/05/2024
		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(CaCO ₃)	80	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
7	Hardness(CaCO ₃)	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 detectable 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 limit: 25±3°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
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TEST REPORT

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.Shamsber 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/2425/00190	Date of Issue : 13/05/2024
Registration no.:	RWTLASR/REG2425/01295	Condition of Sample : Unsealed
Collection Point:	Treatment Plant (RO/CWPP/ARP/HH Purifier)	Quantity/Type of Bottle: 500 ml / Amber Colored Glass Bottle
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth : Akal Academy Rajla,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	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(0.0005)	0.001	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
6	Arsenic(As)	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:30 ±20%

Reviewed and Approved By

Pardub

Mr. Pardub kumar
Quality Manager
Authorized Signatory
For Regional Water Testing Lab
Amritsar

End of the Test Report

Das
Headmistress
Akal Academy Rajla
Barnala