


CERTIFICATE REGARDING SAFE DRINKING WATER & SANITARY CONDITION

Dispatch No : 887

Date : 05.05.2025

Certified that an inspection team headed by Er. Guriqbal Singh SDE & Gurpreet Singh JE from W/S & Sanitation Department Sub Division Sunam inspected Akal Academy, Cheema(PSEB) Distt Sangrur on 21.04.2025 and found that Akal Academy, Cheema (PSEB) has safe drinking water facilities for the students and members of the institution as per the norms and reports. This certificate is valid upto 31-03-2026.

  
Sub Divisional Engineer  
W/S and Sanitation Sub Div  
Sunam

# REGIONAL ADVANCE WATER TESTING LABORATORY, PHASE 2- SAS NAGAR

Water Works Complex, Phase- 2 , S.A.S NAGAR , Punjab  
rawtlmohali@gmail.com



TC-13027

## TEST REPORT

Name & Address of Customer : Sub Divisional Engineer, W/S & Sanitation Sub Division, Sunam Udham Singh Wala		Customer Reference No.	No : 849 Dated : 22/04/2025	
		Sample Submitted by	Mr. Sukhdev Singh	
		Date of Sample Receipt	23/04/2025	
		Analysis Starting Date	24/04/2025	
		Analysis completion Date	25/04/2025	
Discipline : Chemical Testing		Group: Water		
ULR No.:	TC13027250000376F	Sample Type :	Water	
Test Report No.:	RAWTL/2526/00070	Date of Issue :	28/04/2025	
Registration no.:	RAWTL/REG2526/00274	Condition of Sample :	Unsealed	
Collection Point:	NA	Quantity/Type of Bottle:	500 ml / HDPE Bottle	
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	R.O Treated Water, (Akal Academy, Cheema, (PSEB) / NA	
Village :	Not Mentioned	Habitation :	Not Mentioned	
Block:	Dirba	District :	Sangrur	
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)	BDL(0.005)	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)	BDL(0.010)	0.05	1.5	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
11	Uranium	BDL(5)	30	No Relaxation	µg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS

This Report is issued under the following terms & Condition :

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

Reviewed and Approved By

*Satinder Singh*

Mr. Satyender Singh  
Sr. Chemist  
Authorized Signatory  
For, Regional Advance Water Testing Laboratory  
Phase 2- SAS Nagar

----- End of the Test Report -----



TC-12990

**TEST REPORT**

Name & Address of Customer : Sub Division Engineer Sub Division Engineer Water Supply and Sanitation Sub Division, Sunam		Customer Reference No.	No : 814 Dated : 21/04/2025
		Sample Submitted by	
		Date of Sample Receipt	23/04/2025
		Analysis Starting Date	23/04/2025
		Analysis completion Date	26/04/2025
Discipline : Chemical Testing		Group: Water	
ULR No.:	TC129902500000233F	Sample Type :	Water
Test Report No.:	RWTL/SNG/2526/00046	Date of Issue :	03/05/2025
Registration no.:	RWTL/SNG/REG2526/00097	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,Cheema (PSEB) / NA
Village :	Not Mentioned	Habitation :	Not Mentioned
Block:	Not Mentioned	District :	Sangrur
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	7.89	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	4	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	102	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
5	Turbidity	1.37	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
6	Alkalinity(CaCO3)	72	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 2023) EDTA Method
8	Calcium(Ca)	13	75	200	mg/l	IS 3025 (Part 40-2024) EDTA Titrimetric Method
9	Magnesium(Mg)	5	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
10	Chloride(Cl)	14	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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

Reviewed and Approved By

Dr. Ramesh Jhorar  
Quality Manager  
Authorized Signatory  
For,Regional Water Testing Lab  
Sangrur

----- End of the Test Report -----

# REGIONAL WATER TESTING LAB, SANGRUR

Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
rwtsangrur@gmail.com

## TEST REPORT

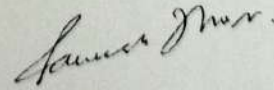
Name & Address of Customer : Sub Division Engineer Sub Division Engineer Water Supply and Sanitation Sub Division, Sunam	Customer Reference No.	No : 814 Dated : 21/04/2025
	Sample Submitted by	
	Date of Sample Receipt	23/04/2025
	Analysis Starting Date	23/04/2025
	Analysis completion Date	26/04/2025
Discipline : Chemical Testing, Bacteriological Testing	Group: Water	
ULR No.:	Sample Type :	Water
Test Report No.:	RWTL/SNG/2526/00046	Date of Issue : 03/05/2025
Registration no.:	RWTL/SNG/REG2526/00097	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, Cheema (PSEB) / NA
Village :	Not Mentioned	Habitation : Not Mentioned
Block:	Not Mentioned	District : Sangrur
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	Iron(Fe)	BDL	1.0	No Relaxation	mg/l	Spectrophotometric Method
2	Sulphate(SO4)	BDL	200	400	mg/l	Spectrophotometric Method
3	Fluoride(F)	BDL(0.05)	1.0	1.5	mg/l	APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)
4	Nitrate(NO3)	BDL(0.5)	45	No Relaxation	mg/l	Spectrophotometric Method/ APHA 4500 NO3-(23rd Ed. 2017)
5	Arsenic(As)	BDL(0.005)	0.01	No relaxation	mg/l	Spectrophotometric Method/ Colorimetric Method
6	Total Coliform(TC)	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
7	E-Coli	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method

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Reviewed and Approved By



Dr. Ramesh Jhorar  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab  
Sangrur

----- End of the Test Report -----