



Natural Resources Development Co-operative Society Limited

NRDCS / CAD7 / TR

(Regd. No. T.A. 602, Dt. 30-4-1974)

CHEMICAL ANALYSIS DIVISION

3-6-268, 4th Floor, Opp. Reliable Business Chambers, Himayatnagar, Hyderabad - 29.

Phone Lab : 040 - 4857 0393, (O) 040 - 23224217, 23225853,

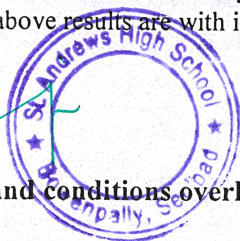
E-mail : nrdcs.cad@gmail.com, nrdcs@rediffmail.com

Chemical Testing / Ores & Minerals			TEST REPORT		SR.NO : 6527
Name & Address of the Customer : M/s St. Andrews High school D.NO:7-182, 7-182/1, Survey No-52, Military Dairy farm Road, Old Bowenpally, Secunderabad. TELANGANA-500011			Date of Registration : 03-09-2025		
			Date of Commencement of test : 04-09-2025		
			Date of Completion of testing : 10-09-2025		
Sample particulars : WATER- A BLOCK			Qty. : 1 x 1ltr.		
Method of test : IS: 3025			Test Required : Portability		
Location :			Sample condition at receipt : OK		
S.no	PARAMETERS	Method of Test, ref to part of IS 3025	Requirement as per IS:10500-2012		Results
			Acceptable Limit	Permissible limits in the absence of alternate source	Lab code: 1
I	PHYSICAL				
1	Colour (Hazen Units)	Part 4	5 max	15 max	<5
2	pH	Part 11	6.5 – 8.5	No. relaxation	6.55
3	E.C. Micro Siemens / cm at 25° C	Part 14			50
4	Turbidity (NTU)	Part 10	1 max	5 max	<1
II	CHEMICAL				
1	Total Dissolved solids, mg / l	Part 16	500 max	2000 max	25
2	Total Hardness as CaCO ₃ , mg/l	Part 21	300 max	600 max	20
3	Total Alkalinity as CaCO ₃ , mg/l	Part 23	200 max	600 max	15
4	Non – carbonate hardness as CaCO ₃ , mg/l		---	10	05
5	Calcium as Ca , mg/l	Part 40	75 max	200 max	05
6	Magnesium as Mg, mg/l	Part 46	30 max	100 max	02
7	Sodium as Na, mg/l	Part 45	---	65	05
8	Chloride as Cl , mg/l	Part 32	250 max	1000 max	10
9	Sulphate as SO ₄ , mg/l	Part 24	200 max	400 max	NIL
10	Silica as SiO ₂ , mg/l	Part 35	---	10	02
11	Iron as Fe , mg/l	Part 53	0.30 max	No relaxations	0.01
12	Nitrate as NO ₃ , mg / l	SM-4500 UV	45 max	No relaxations	02
13	Fluoride as F , mg / l	SM-4500 F D	1.00 max	1.5 max	0.2
14	Potassium as K, mg / l	Part 45	---	2.0	0.04

Remarks:

- a) The test results relates only to the sample tested.
b) The above results are with in the permissible limits for human consumption for the tests carried out.

Terms and conditions overleaf.



NRDCS LIMITED
S.L. Square, 3-6-886/4/A, IIIrd Floor
Himayatnagar, Hyderabad- 500 029

Authorised Signatory
B.DHAKA NAIK
Sr. Analyst

A

Undertakes Borewell survey, Water, Mineral, Soil & Effluent Analysis, Geo-Technical Investigations and Diamond Core drilling

NRDCS



Natural Resources Development Co-operative Society Limited

NRDCS / CAD7 / TR

(Regd. No. T.A. 602, Dt. 30-4-1974)

CHEMICAL ANALYSIS DIVISION

3-6-268, 4th Floor, Opp. Reliable Business Chambers, Himayatnagar, Hyderabad - 29.

Phone Lab : 040 - 4857 0393, (O) 040 - 23224217, 23225853,

E-mail : nrdcs.cad@gmail.com, nrdcs@rediffmail.com

Chemical Testing / Ores & Minerals			TEST REPORT		SR.NO : 6527
Name & Address of the Customer : M/s St. Andrews High school D.NO:7-182, 7-182/1, Survey No-52, Military Dairy farm Road, Old Bowenpally,Secunderabad.TELANGANA-500011			Date of Registration		: 03-09-2025
			Date of Commencement of test		: 04-09-2025
			Date of Completion of testing		: 10-09-2025
Sample particulars : WATER- C BLOCK			Qty. : 1 x 1ltr.		
Method of test : IS: 3025			Test Required : Portability		
Location :			Sample condition at receipt : OK		
S.no	PARAMETERS	Method of Test, ref to part of IS 3025	Requirement as per IS:10500-2012		Results
			Acceptable Limit	Permissible limits in the absence of alternate source	Lab code: 1
I	PHYSICAL				
1	Colour (Hazen Units)	Part 4	5 max	15 max	<5
2	pH	Part 11	6.5 – 8.5	No. relaxation	6.55
3	E.C. Micro Siemens / cm at 25° C	Part 14			40
4	Turbidity (NTU)	Part 10	1 max	5 max	<1
II	CHEMICAL				
1	Total Dissolved solids, mg / l	Part 16	500 max	2000 max	18
2	Total Hardness as CaCO ₃ , mg/l	Part 21	300 max	600 max	15
3	Total Alkalinity as CaCO ₃ , mg/l	Part 23	200 max	600 max	10
4	Non – carbonate hardness as CaCO ₃ , mg/l		---	10	05
5	Calcium as Ca , mg/l	Part 40	75 max	200 max	05
6	Magnesium as Mg, mg/l	Part 46	30 max	100 max	01
7	Sodium as Na, mg/l	Part 45	---	65	05
8	Chloride as Cl , mg/l	Part 32	250 max	1000 max	05
9	Sulphate as SO ₄ , mg/l	Part 24	200 max	400 max	NIL
10	Silica as SiO ₂ , mg/l	Part 35	---	10	01
11	Iron as Fe , mg/l	Part 53	0.30 max	No relaxations	0.01
12	Nitrate as NO ₃ , mg / l	SM-4500 UV	45 max	No relaxations	01
13	Fluoride as F , mg / l	SM-4500 F D	1.00 max	1.5 max	0.2
14	Potassium as K, mg / l	Part 45	---	2.0	0.03

Remarks:

- a) The test results relates only to the sample tested.
b) The above results are with in the permissible limits for human consumption for the tests carried out.

Terms and conditions overleaf.

NRDCS LIMITED

Authorised Signatory
S.L. Square, 3-6-886/4/A, IIIrd Floor,
Himayathnagar, Hyderabad- 500 025
B.DHAKA NAIK
Sr. Analyst

Undertakes Borewell survey, Water, Mineral, Soil & Effluent Analysis, Geo-Technical Investigations and Diamond Core drilling