

Test Report Issued to:	APEEJAY SCHOOL, BG-180, SECTOR-II, SALT LAKE, KOLKATA-700091
With reference to Test Request No.:	GRN No. 192022230035478182 Dated 26/05/2022
Lab Sample ID.:	C/47/2022-2023
Source of the Sample:	GROUND WATER (HTW)
Location of the Sample:	APEEJAY SCHOOL, BG-180, SECTOR-II, SALT LAKE, KOLKATA-700091
Sample Received on:	26.05.2022
Sample Submitted by:	Representative

CHEMICAL TEST FINDINGS

Sl. No.	Test Parameters	Unit	Results	Detection Limit	Norms as per IS - 10500:2012 (Amendment No. 1 June 2015)	
					Acceptable Limit	Permissible Limit
1.	pH	----	7.86	----	6.5-8.5	No relaxation
2.	Specific Conductivity at 25°C	µS/cm	614	10	---	---
3.	Total Dissolved Solids	mg/L	393	----	500	2000
4.	Chloride as Cl	mg/L	85	1.0	250	1000
5.	Total Alkalinity as CaCO ₃	mg/L	175	1.0	200	600
6.	Total Hardness as CaCO ₃	mg/L	198	1.0	200	600
7.	Total Iron as Fe	mg/L	BDL	0.05	1.0	No relaxation
8.	Total Arsenic as As	mg/L	BDL	0.01	0.01	No relaxation

Note: 1. BDL: Below Detection Limit. 2. ¹Digital pH Meter 3420 of WTW; ²Conductivity Meter 3420 of WTW; ^{3,4,5}by titration; ⁶by Spectroquant Move 100; ⁷by Merckoquant® 1.17927.0001 MERCK 0.005-0.5 mg/l As. 3. Bank Ref. No. 90113265 dated 19/05/2022 Rs 1020.


 Chemist
 CCHL, SWID, Kolkata
 
 Senior Chemist
 CCHL, SWID, Kolkata

Memo No. 729.

Copy forwarded for information and necessary action to:

- 1) ✓ APEEJAY SCHOOL, BG-180, SECTOR-II, SALT LAKE, KOLKATA-700091
- 2) OFFICE COPY

Dated, Kolkata, the 06/06/2022.


 Director
 State Water Investigation Directorate

The test reports relates only to the samples submitted to the laboratory for test.
 End of Test Report

Water Analysis • Food Analysis • Microbiological Analysis Soil Analysis • Milk Product Analysis • Ready to eat Food • Tea • Coal Analysis • Environmental Test (Air, Effluent & Flue Gas) Minerals & Ores Analysis • Lube Oil Analysis • Edible Oil Analysis • Bitumen Analysis • Transformer Oil Analysis etc.



QMS20181124

REPORT NO.: ADV/NN/2025-26/0432

DATE : 05.09.2025

TEST REPORT

Customer Name and Address :	APEEJAY SCHOOL Salt Lake , Sector II, Kolkata, Pin – 700 091, Land Mark - Baishakhi More, West Bengal, India
Sample Description	Water
Mark on Sample	1 st Floor
Sample Submission Date	01.09.2025
Date of Start of Analysis	01.09.2025
Date of Completion of Analysis	05.09.2025

TEST FINDINGS

Sl. No.	Test Parameters	Test Method	Unit	Limit As Per IS 10500 : 2012, RA : 2018, Amd. 1 & 2		Results
				AL	PL	
Organoleptic and Physical Parameters						
1	Colour, Max	IS:3025-1983 (Part-4)	Hazen	5	10	1.0
2	Odour	IS 3025 (Part 5)-2018	---	Agreeable	Agreeable	Agreeable
3	pH Value	IS 3025 (Part 11)-2022	---	6.5-8.5	No Relaxation	7.5
4	Taste	IS:3025-1984 (Part-8)	---	Agreeable	Agreeable	Agreeable
5	Turbidity, Max	IS 3025 (Part 10)-2023	NTU	1	5	<1
6	Total Dissolved Solids, As TDS	IS 3025(Part 16)-2023	mg/l	500	2000	51
General Parameters						
7	Calcium as Ca	IS 3025 (Part 40)-1991, RA: 2019	mg/l	75	200	10.2
8	Chloride as Cl	IS 3025 (Part 32)-1988, RA: 2019	mg/l	250	1000	18.3
9	Copper as Cu	IS 3025 (Part 42): 1992 ; RA 2019	mg/l	0.05	1.5	<0.05
10	Iron as Fe	IS 3025(Part 53)-2003 RA: 2019	mg/l	1	No Relaxation	<0.01
11	Magnesium as Mg	APHA 24th Edition- 2023, 3500 Mg B	mg/l	30	100	6.9
12	Sulphate as SO ₄	IS 3025 (Part 24)-Sec 1, 2022	mg/l	200	400	<1
13	Sulphide as H ₂ S	IS 3025 (Part 29): 2022	mg/l	0.05	No Relaxation	<0.05
14	Total Alkalinity as CaCO ₃	IS 3025 (Part 23)- 2023	mg/l	200	600	29.6
15	Total Hardness as CaCO ₃	IS 3025 (Part 21)-2009, RA: 2019	mg/l	200	600	24.8
16	Zinc as Zn	IS 3025 (Part 49)-1994;RA: 2019	mg/l	5	15	2.74
Parameters Concerning Toxic Substances						
17	Total Arsenic as As	IS 3025 (Part 37)-2022	mg/l	0.01	No Relaxation	<0.01
Bacteriological Quality of Drinking Water						
18	E. Coli/100 ml	IS 15185-2016 (RA 2021)	--	Not Detectable		Absent
19	Total Coliform Bacteria/100 ml	IS 15185-2016 (RA 2021)	CFU	Not Detectable		Absent

Note: 1. AL - Acceptable Limit, 2. PL- Permissible Limit.

Remarks : **Chemically** : Satisfactory For Above Mentioned Parameters.

Bacteriologically : Satisfactory For Above Mentioned Parameters.

For Advanced Analytical Testing Laboratory

Authorized Signatory



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Regd. Office: 468, Pasrabagan, Laskarpur, Kolkata-700153, West Bengal, India (Near Mahamayatala, Garia)
Results related only to the parameters tested.
Tel: +91 33 7963 4219 / 9007328194 / 8240167965
Website: www.advancetest.in



REPORT NO.: ADV/NN/2025-26/0433

DATE - 05.09.2025

TEST REPORT

Customer Name and Address :	APEEJAY SCHOOL Salt Lake , Sector II, Kolkata, Pin - 700 091, Land Mark - Baishakhi More, West Bengal, India
Sample Description	Water
Mark on Sample	3 rd Floor
Sample Submission Date	01.09.2025
Date of Start of Analysis	01.09.2025
Date of Completion of Analysis	05.09.2025

TEST FINDINGS

Sl. No.	Test Parameters	Test Method	Unit	Limit As Per IS 10500 : 2012, RA : 2018, Amd. 1 & 2		Results
				AL	PL	
Organoleptic and Physical Parameters						
1	Colour, Max	IS:3025-1983 (Part-4)	Hazen	5	10	1.0
2	Odour	IS 3025 (Part 5)-2018	---	Agreeable	Agreeable	Agreeable
3	pH Value	IS 3025 (Part 11)-2022	---	6.5-8.5	No Relaxation	7.8
4	Taste	IS:3025-1984 (Part-8)	---	Agreeable	Agreeable	Agreeable
5	Turbidity, Max	IS 3025 (Part 10)-2023	NTU	1	5	<1
6	Total Dissolved Solids, As TDS	IS 3025(Part 16)-2023	mg/l	500	2000	119
General Parameters						
7	Calcium as Ca	IS 3025 (Part 40)-1991, RA: 2019	mg/l	75	200	35.7
8	Chloride as Cl	IS 3025 (Part 32)-1988, RA: 2019	mg/l	250	1000	59.4
9	Copper as Cu	IS 3025 (Part 42): 1992 ; RA 2019	mg/l	0.05	1.5	<0.05
10	Iron as Fe	IS 3025(Part 53)-2003 RA: 2019	mg/l	1	No Relaxation	<0.01
11	Magnesium as Mg	APHA 24th Edition- 2023, 3500 Mg B	mg/l	30	100	16.8
12	Sulphate as SO ₄	IS 3025 (Part 24)-Sec 1, 2022	mg/l	200	400	<1
13	Sulphide as H ₂ S	IS 3025 (Part 29): 2022	mg/l	0.05	No Relaxation	<0.05
14	Total Alkalinity as CaCO ₃	IS 3025 (Part 23)- 2023	mg/l	200	600	97.4
15	Total Hardness as CaCO ₃	IS 3025 (Part 21)-2009, RA: 2019	mg/l	200	600	75.8
16	Zinc as Zn	IS 3025 (Part 49)-1994;RA: 2019	mg/l	5	15	2.95
Parameters Concerning Toxic Substances						
17	Total Arsenic as As	IS 3025 (Part 37)-2022	mg/l	0.01	No Relaxation	<0.01
Bacteriological Quality of Drinking Water						
18	E. Coli/100 ml	IS 15185-2016 (RA 2021)	--	Not Detectable		Absent
19	Total Coliform Bacteria/100 ml	IS 15185-2016 (RA 2021)	CFU	Not Detectable		Absent

Note: 1. AL - Acceptable Limit, 2. PL- Permissible Limit.

Remarks : **Chemically** : Satisfactory For Above Mentioned Parameters.

Bacteriologically : Satisfactory For Above Mentioned Parameters.

For Advanced Analytical Testing Laboratory

Authorized Signatory



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