



AquaCare

**ENVIRONMENTAL LABORATORY**  
 (An ISO 9001:2015 CERTIFIED LABORATORY)

## TEST REPORT

Test Report No	: AEL/2501/028	Sample Code No	: AEL/01/25/028
Sample Receipt Date	: 09.01.2025	Sample Description	: Water
Analysis Date	: 09.01.2025 to 14.01.2025	Sample Quantity	: 1 litre
Date of Report Issue	: 14.01.2025	Sample Condition	: Satisfactory
Customer Ref No / Date	: Nil	Sample Detail	: <b>Marked as Raw Water (Sample No-1)</b>

## ISSUED TO:

The Principal  
 Bal Niketan Public School  
 A/59, Block-B, Devli, Sangam Vihar  
 New Delhi-110080

## TEST RESULTS

PARAMETER TESTED			IS: 10500-2012 Drinking Water Specification (Second Revision)		
Sl No	PHYSICO-CHEMICAL	UNITS	RESULT	REQUIREMENT (Acceptable Limit)	TEST METHOD
1.	Odour	-	Agreeable	Agreeable	IS:3025 (Part 05)-1983
2.	Taste	-	Agreeable	Agreeable	IS:3025 (Part 08)-1984
3.	Turbidity	NTU	0.4	1	IS:3025 (Part 10)-1984
4.	pH value	-	7.45	6.5-8.5	IS:3025 (Part 11)-1983
5.	Total Dissolved Solids	mg/l	376	500	IS:3025 (Part 16)-1984
6.	Total Hardness as CaCO <sub>3</sub>	mg/l	212	200(Max.600)	IS:3025 (Part 21)-2009
7.	Calcium as Ca <sup>++</sup>	mg/l	46.6	75	IS:3025 (Part 40)-1991
8.	Magnesium as Mg <sup>++</sup>	mg/l	23.3	30	IS:3025 (Part 46)-1994
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/l	112	200	IS:3025 (Part 23)-1986
10.	Chloride as Cl <sup>-</sup>	mg/l	64	250	IS:3025 (Part 32)-1988
11.	Free Residual Chlorine	mg/l	BDL(DL=0.2)	0.2	IS:3025 (Part 26)-2021
12.	Sulphate as SO <sub>4</sub> <sup>-</sup>	mg/l	6.5	200	IS:3025 (Part 24)-1986
13.	Fluoride as F <sup>-</sup>	mg/l	0.28	1.0	IS:3025 (Part 60)-2008
14.	Total Iron as Fe <sup>-</sup>	mg/l	0.18	1.0	IS:3025 (Part 53)-2003
15.	Nitrate as NO <sub>3</sub> <sup>-</sup>	mg/l	1.5	45	IS:3025 (Part 34)-1988
Sl No	BACTERIOLOGICAL		RESULT	REQUIREMENT (Acceptable Limit)	TEST METHOD
1.	Total Coliforms (MPN/100ml)		Not Detected	Not Detected	IS:1622 -1981
2.	Faecal Coliforms (MPN/100ml)		Not Detected	Not Detected	IS:1622 -1981
3.	<i>E. coli</i> in 100 ml of sample present/absent		Not Detected	Not Detected	IS:1622 -1981

BDL= Below Detection Limit. DL=Detection Limit

## Remarks: -

- The above water sample conforms to IS: 10500-2012 Drinking Water Specification (Second Revision) with respect to the tests conducted. (Total Hardness are above the acceptable limit but within the maximum permissible limit).
- The results relate to item tested.

\*End of Test Report\*



Authorised Signatory  
 Dr. P.K. JHA  
 Q.A. HEAD

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AquaCare

**ENVIRONMENTAL LABORATORY**

(An ISO 9001:2015 CERTIFIED LABORATORY)

**TEST REPORT**

Test Report No	: AEL/2501/029	Sample Code No	: AEL/01/25/029
Sample Receipt Date	: 09.01.2025	Sample Description	: Water
Analysis Date	: 09.01.2025 to 14.01.2025	Sample Quantity	: 1 litre
Date of Report Issue	: 14.01.2025	Sample Condition	: Satisfactory
Customer Ref No / Date	: Nil	Sample Detail	: <b>Marked as Drinking Water (Sample No-2)</b>

**ISSUED TO:**

**The Principal**  
**Bal Niketan Public School**  
 A/59, Block-B, Devli, Sangam Vihar  
 New Delhi-110080

**TEST RESULTS**

PARAMETER TESTED			IS: 10500-2012 Drinking Water Specification (Second Revision)		
Sl No	PHYSICO-CHEMICAL	UNITS	RESULT	REQUIREMENT (Acceptable Limit)	TEST METHOD
1.	Odour	-	Agreeable	Agreeable	IS:3025 (Part 05)-1983
2.	Taste	-	Agreeable	Agreeable	IS:3025 (Part 08)-1984
3.	Turbidity	NTU	BDL(DL=0.1)	1	IS:3025 (Part 10)-1984
4.	pH value	-	7.03	6.5-8.5	IS:3025 (Part 11)-1983
5.	Total Dissolved Solids	mg/l	66	500	IS:3025 (Part 16)-1984
6.	Total Hardness as CaCO <sub>3</sub>	mg/l	24	200	IS:3025 (Part 21)-2009
7.	Calcium as Ca <sup>++</sup>	mg/l	4.8	75	IS:3025 (Part 40)-1991
8.	Magnesium as Mg <sup>++</sup>	mg/l	2.9	30	IS:3025 (Part 46)-1994
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/l	32	200	IS:3025 (Part 23)-1986
10.	Chloride as Cl <sup>-</sup>	mg/l	20	250	IS:3025 (Part 32)-1988
11.	Free Residual Chlorine	mg/l	BDL(DL=0.2)	0.2	IS:3025 (Part 26)-2021
12.	Sulphate as SO <sub>4</sub> <sup>-</sup>	mg/l	BDL(DL=5.0)	200	IS:3025 (Part 24)-1986
13.	Fluoride as F <sup>-</sup>	mg/l	BDL(DL=0.10)	1.0	IS:3025 (Part 60)-2008
14.	Total Iron as Fe <sup>-</sup>	mg/l	0.12	1.0	IS:3025 (Part 53)-2003
15.	Nitrate as NO <sub>3</sub> <sup>-</sup>	mg/l	BDL(DL=1.0)	45	IS:3025 (Part 34)-1988
Sl No	BACTERIOLOGICAL		RESULT	REQUIREMENT (Acceptable Limit)	TEST METHOD
1.	Total Coliforms (MPN/100ml)		Not Detected	Not Detected	IS:1622 -1981
2.	Faecal Coliforms (MPN/100ml)		Not Detected	Not Detected	IS:1622 -1981
3.	E. coli in 100 ml of sample present/absent		Not Detected	Not Detected	IS:1622 -1981

BDL= Below Detection Limit. DL=Detection Limit

**Remarks: -**

- 1) The above water sample **conforms** to IS: 10500-2012 Drinking Water Specification (Second Revision) with respect to the tests conducted.
- 2) The results relate to item tested.

\*End of Test Report\*



Authorised Signatory  
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# AquaCare

## ENVIRONMENTAL LABORATORY

(An ISO 9001:2015 CERTIFIED LABORATORY)

### TEST REPORT

Test Report No	: AEL/2501/030	Sample Code No	: AEL/01/25/030
Sample Receipt Date	: 09.01.2025	Sample Description	: Water
Analysis Date	: 09.01.2025 to 14.01.2025	Sample Quantity	: 1 litre
Date of Report Issue	: 14.01.2025	Sample Condition	: Satisfactory
Customer Ref No / Date	: Nil	Sample Detail	: <b>Marked as Raw Water (Sample No-3)</b>

#### ISSUED TO:

**The Principal**

**Bal Niketan Public School**

A/59, Block-B, Devli, Sangam Vihar

New Delhi-110080

#### TEST RESULTS

PARAMETER TESTED			IS: 10500-2012 Drinking Water Specification (Second Revision)		
Sl No	PHYSICO-CHEMICAL	UNITS	RESULT	REQUIREMENT (Acceptable Limit)	TEST METHOD
1.	Odour	-	Agreeable	Agreeable	IS:3025 (Part 05)-1983
2.	Taste	-	Agreeable	Agreeable	IS:3025 (Part 08)-1984
3.	Turbidity	NTU	0.3	1	IS:3025 (Part 10)-1984
4.	pH value	-	7.54	6.5-8.5	IS:3025 (Part 11)-1983
5.	Total Dissolved Solids	mg/l	387	500	IS:3025 (Part 16)-1984
6.	Total Hardness as CaCO <sub>3</sub>	mg/l	220	200(Max.600)	IS:3025 (Part 21)-2009
7.	Calcium as Ca <sup>++</sup>	mg/l	41.6	75	IS:3025 (Part 40)-1991
8.	Magnesium as Mg <sup>++</sup>	mg/l	25.7	30	IS:3025 (Part 46)-1994
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/l	120	200	IS:3025 (Part 23)-1986
10.	Chloride as Cl <sup>-</sup>	mg/l	66	250	IS:3025 (Part 32)-1988
11.	Free Residual Chlorine	mg/l	BDL(DL=0.2)	0.2	IS:3025 (Part 26)-2021
12.	Sulphate as SO <sub>4</sub> <sup>-</sup>	mg/l	6.6	200	IS:3025 (Part 24)-1986
13.	Fluoride as F <sup>-</sup>	mg/l	0.30	1.0	IS:3025 (Part 60)-2008
14.	Total Iron as Fe <sup>-</sup>	mg/l	0.20	1.0	IS:3025 (Part 53)-2003
15.	Nitrate as NO <sub>3</sub> <sup>-</sup>	mg/l	1.6	45	IS:3025 (Part 34)-1988
Sl No	BACTERIOLOGICAL		RESULT	REQUIREMENT (Acceptable Limit)	TEST METHOD
1.	Total Coliforms (MPN/100ml)		Not Detected	Not Detected	IS:1622 -1981
2.	Faecal Coliforms (MPN/100ml)		Not Detected	Not Detected	IS:1622 -1981
3.	E. coli in 100 ml of sample present/absent		Not Detected	Not Detected	IS:1622 -1981


BDL= Below Detection Limit. DL=Detection Limit

#### Remarks: -

- 1) The above water sample **conforms** to IS: 10500-2012 Drinking Water Specification (Second Revision) with respect to the tests conducted. (Total Hardness are above the acceptable limit but within the maximum permissible limit).
- 2) The results relate to item tested.

\*End of Test Report\*



Authorised Signatory  
  
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## TEST REPORT

Test Report No	: AEL/2501/031	Sample Code No	: AEL/01/25/031
Sample Receipt Date	: 09.01.2025	Sample Description	: Water
Analysis Date	: 09.01.2025 to 14.01.2025	Sample Quantity	: 1 litre
Date of Report Issue	: 14.01.2025	Sample Condition	: Satisfactory
Customer Ref No / Date	: Nil	Sample Detail	: <b>Marked as Drinking Water (Sample No-4)</b>

## ISSUED TO:

The Principal

Bal Niketan Public School

A/59, Block-B, Devli, Sangam Vihar

New Delhi-110080

## TEST RESULTS

PARAMETER TESTED			IS: 10500-2012 Drinking Water Specification (Second Revision)		
Sl No	PHYSICO-CHEMICAL	UNITS	RESULT	REQUIREMENT (Acceptable Limit)	TEST METHOD
1.	Odour	-	Agreeable	Agreeable	IS:3025 (Part 05)-1983
2.	Taste	-	Agreeable	Agreeable	IS:3025 (Part 08)-1984
3.	Turbidity	NTU	BDL(DL=0.1)	1	IS:3025 (Part 10)-1984
4.	pH value	-	6.88	6.5-8.5	IS:3025 (Part 11)-1983
5.	Total Dissolved Solids	mg/l	38	500	IS:3025 (Part 16)-1984
6.	Total Hardness as CaCO <sub>3</sub>	mg/l	16	200	IS:3025 (Part 21)-2009
7.	Calcium as Ca <sup>++</sup>	mg/l	3.2	75	IS:3025 (Part 40)-1991
8.	Magnesium as Mg <sup>++</sup>	mg/l	BDL(DL=2.0)	30	IS:3025 (Part 46)-1994
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/l	20	200	IS:3025 (Part 23)-1986
10.	Chloride as Cl <sup>-</sup>	mg/l	10	250	IS:3025 (Part 32)-1988
11.	Free Residual Chlorine	mg/l	BDL(DL=0.2)	0.2	IS:3025 (Part 26)-2021
12.	Sulphate as SO <sub>4</sub> <sup>-</sup>	mg/l	BDL(DL=5.0)	200	IS:3025 (Part 24)-1986
13.	Fluoride as F <sup>-</sup>	mg/l	BDL(DL=0.10)	1.0	IS:3025 (Part 60)-2008
14.	Total Iron as Fe <sup>-</sup>	mg/l	0.10	1.0	IS:3025 (Part 53)-2003
15.	Nitrate as NO <sub>3</sub> <sup>-</sup>	mg/l	BDL(DL=1.0)	45	IS:3025 (Part 34)-1988
Sl No	BACTERIOLOGICAL		RESULT	REQUIREMENT (Acceptable Limit)	TEST METHOD
1.	Total Coliforms (MPN/100ml)		Not Detected	Not Detected	IS:1622 -1981
2.	Faecal Coliforms (MPN/100ml)		Not Detected	Not Detected	IS:1622 -1981
3.	<i>E. coli</i> in 100 ml of sample present/absent		Not Detected	Not Detected	IS:1622 -1981

BDL= Below Detection Limit. DL=Detection Limit

## Remarks: -

- 1) The above water sample **conforms** to IS: 10500-2012 Drinking Water Specification (Second Revision) with respect to the tests conducted.
- 2) The results relate to item tested.

\*End of Test Report\*



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