



ARC TESTING LABORATORY

ISO:9001:2015, 14001:2015, 45001:2018 CERTIFIED LABORATORY
(GOVT. APPROVED TESTING LABORATORY)

Kh.No.- 42/9/4, Village - Badli, Near Aastha Hospital, New Delhi - 110042

Phone: 011-27853170, 9911221243, 9718358568, 9818552221

Email:- arctestlab@gmail.com, website:- www.arctestlab.com



TEST REPORT

Issued To: The Principal
Ramjas School,
Pusha Road, Delhi-110005.

Report No.: ARC-042K22/13007
Job Order No.: ARC-042213007
Ref. No.: RSP/2022-23/001
Letter Dt.: 12/04/2022
Sample Received On: 13/04/2022
Period of Testing: 13/04/2022-22/04/2022
Date of Report: 23/04/2022

Sample Name : Water (for Drinking purpose)
Sample Quantity : 2 Ltr.
Sample Condition : Good (Packed in Pet Bottle)

S. No.	Test	Test-Method	Results	Requirement IS 10500-2012		Conformity
				Acceptable Limit	Permissible Limit (in the absence of alternate source)	
Organoleptic and Physical Parameter						
1	Colour, Hazen units	IS 3025 (P-4):1983	1	5 Max.	15 Max.	Yes
2	Odour	IS 3025 (P-5):1983	Agreeable	Agreeable	Agreeable	Yes
3	pH	IS 3025 (P-11):1983	7.20	6.5-8.5	Not Relaxation	Yes
4	Taste	IS 3025 (P-7 & 8):1984	Agreeable	Agreeable	Agreeable	Yes
5	Turbidity, NTU	IS 3025 (P-10):1984	N.D. (DL 1.0)	1 Max.	5 Max.	Yes
6	Total Dissolved Solids, mg/l	IS 3025 (P-16):1984	170.0	500 Max.	2000 Max.	Yes
General Parameters Concerning Substance Undesirable in executive amounts (mg/l)						
7	Aluminium (as Al)	IS 3025 (P-55):2003	N.D. (DL 0.01)	0.03 Max.	0.2 Max.	Yes
8	Total Ammonia (as N)	IS 3025 (P-34):1988	N.D. (DL 0.5)	0.5 Max.	No Relaxation	Yes
9	Boron (as B)	IS 3025 (P-57):2005	N.D. (DL 0.2)	0.5 Max.	1.0 Max.	Yes
10	Calcium (as Ca)	IS 3025 (P-40):1991	24.10	75 Max.	200 Max.	Yes
11	Chloride (as Cl)	IS 3025 (P-32):1988	42.0	250 Max.	1000 Max.	Yes
12	Copper (as Cu)	IS 3025 (P-2):2004	N.D. (DL 0.002)	0.05 Max.	1.5 Max.	Yes
13	Fluoride (as F)	IS 3025 (P-60):2008	0.10	1.0 Max.	1.5 Max.	Yes
14	Free Residual Chlorine	IS 3025 (P-26):1986	N.D. (DL 0.05)	0.2 Min.*	1 Max.	Yes
15	Iron (as Fe)	IS 3025 (P-53):2003	N.D. (DL 0.08)	1.0 Max.	No Relaxation	Yes
16	Magnesium (as Mg)	IS 3025 (P-46):1994	7.87	30 Max.	100 Max.	Yes
17	Manganese (as Mn)	IS 3025 (P-59):2006	N.D. (DL 0.01)	0.1 Max.	0.3 Max.	Yes
18	Nitrate (as NO ₃)	IS 3025 (P-34):1988	0.08	45 Max.	No Relaxation	Yes
19	Phenolic Compounds (as C ₆ H ₅ OH)	IS 3025 (P-43):1992	N.D. (DL 0.0005)	0.001 Max.	0.002 Max.	Yes
20	Selenium (as Se)	IS 3025 (P-56):2003	N.D. (DL 0.001)	0.01 Max.	No Relaxation	Yes
21	Sulphate (as SO ₄)	IS 3025 (P-24):1986	0.17	200 Max.	400 Max.	Yes
22	Total Alkalinity (as CaCO ₃)	IS 3025 (P-23):1986	33.0	200 Max.	600 Max.	Yes
23	Total Hardness (as CaCO ₃)	IS 3025 (P-21):2009	68.0	200 Max.	600 Max.	Yes
24	Zinc (as Zn)	IS 3025 (P-2):2004	N.D. (DL 0.1)	5 Max.	15 Max.	Yes

Remarks: - *if sample is chlorinated.

Lab Incharge

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ARC TESTING LABORATORY
Authorised Signatory
DELHI

- K.Y.
- (1) The result listed refer only to tested sample and applicable parameters. Endorsement of product is neither inferred nor Implied.
 - (2) Total liability of our lab is limited of the invoiced amount.
 - (3) Sample will be destroyed after 90 days from date of test report unless otherwise specified.
 - (4) This report not be reproduced wholly or in part and cannot be used as an evidence in the court of law and should not be used in any advertising media our special permission in writing.
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**TEST REPORT**

Issued To: The Principal
Ramjas School,
Pusha Road, Delhi-110005.

Report No.: ARC-042K22/13007

Job Order No.: ARC-042213007

Ref. No.: RSP/2022-23/001

Letter Dt.: 12/04/2022

Sample Received On: 13/04/2022

Period of Testing: 13/04/2022-22/04/2022

Date of Report: 23/04/2022

Sample Name : Water (for Drinking purpose)
Sample Quantity : 2 Ltr.
Sample Condition : Good (Packed in Pet Bottle)

S. No.	Test	Test-Method	Results	Requirement IS 10500-2012		Conformity
				Acceptable Limit	Permissible Limit (in the absence of alternate source)	
Parameter Concerning Toxic Substances (mg/l)						
25	Cadmium (as Cd)	IS 3025 (P-2):2004	N.D. (DL 0.0005)	0.003 Max.	No Relaxation	Yes
26	Cyanide (as CN)	IS 3025 (P-27):1986	N.D. (DL 0.02)	0.05 Max.	No Relaxation	Yes
27	Lead (as Pb)	IS 3025 (P-2):2004	N.D. (DL 0.001)	0.01 Max.	No Relaxation	Yes
28	Mercury (as Hg)	IS 3025 (P-2):2004	N.D. (DL 0.0005)	0.001 Max.	No Relaxation	Yes
29	Nickel (as Ni)	IS 3025 (P-2):2004	N.D. (DL 0.01)	0.02 Max.	No Relaxation	Yes
30	Total Arsenic (as As)	IS 3025 (P-2):2004	N.D. (DL 0.001)	0.01 Max.	No Relaxation	Yes
31	Total Chromium (as Cr)	IS 3025 (P-2):2004	N.D. (DL 0.02)	0.05 Max.	No Relaxation	Yes
Bacteriological Quality						
1	Coliform Organisms, MPN/100 ml	IS 1622: 1981	Absent	Absent	No Relaxation	Yes
2	E-Coli, (Per 100 ml)	IS 1622: 1981	Absent	Absent	No Relaxation	Yes

Remarks:- Analysed parameters of water sample confirms to IS 10500: 2012 specification with respect to above test parameters.

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Lab Incharge

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**TEST REPORT**


Issued To: The Principal
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Pusha Road, Delhi-110005.

Report No.: ARC-042K22/13008
Job Order No.: ARC-042213008
Ref. No.: RSP/2022-23/001
Letter Dt.: 12/04/2022
Sample Received On: 13/04/2022
Period of Testing: 13/04/2022-22/04/2022
Date of Report: 23/04/2022

Sample Name : Water (for Sanitation purpose)
Sample Quantity : 1 Ltr.
Sample Condition : Good (Packed in Pet Bottle)

S. No.	Test	Test-Method	Results
Organoleptic and Physical Parameter			
1	Colour, Hazen units	IS 3025 (P-4):1983	1
2	Odour	IS 3025 (P-5):1983	Agreeable
3	Turbidity, NTU	IS 3025 (P-10):1984	<1.0
4	pH	IS 3025 (P-11):1983	7.40
5	Total Dissolved Solids, mg/l	IS 3025 (P-16):1984	230.0
General Parameters Concerning Substance Undesirable in executive amounts (mg/l)			
6	Total Hardness (as CaCO ₃)	IS 3025 (P-21):2009	108.0
7	Chloride (as Cl)	IS 3025 (P-32):1988	82.10
8	Residual Free Chlorine	IS 3025 (P-26):1986	<0.05
9	Iron (as Fe)	IS 3025 (P-53):2003	0.62
10	Total Alkalinity (as CaCO ₃)	IS 3025 (P-23):1986	76.24
Bacteriological Quality			
1	Coliform Organisms, MPN/100 ml	IS 1622: 1981	Absent
2	E-Coli, (Per 100 ml)	IS 1622: 1981	Absent

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