



Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory

(An ISO 9001:2015 Certified Company)

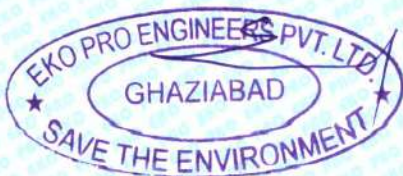
Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No.: 9711159210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in**TEST REPORT**
Water Sample Analysis

Test Report No. : EKO/E-518/230523

Issue Date : 27/05/2023

Issued To : NAINI PAPERS LIMITED PM-1
7th Km Stone
Moradabad Road
Kashipur (U.K.)Sample Description : Ground Water (Drinking Water)
Sample Drawn on : 22/05/2023
Sample Drawn by : EPEPL (Mr. Chandan Sharma)
Sample Received on : 23/05/2023
Sampling Location : From Borewell
Sampling Plan & Procedure : SOP-W/66
Sample Quantity : 2.0 Litre
Environmental Conditions : Normal
Analysis Duration : 23/05/2023 To 27/05/2023
Remark (if any) : Pre Monsoon**RESULTS**

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS: 10500-2012 (Amd.No.3 Feb-2021)	
					Acceptable	Permissible
1	Colour	IS: 3025 (P-4)	<1.0	Hazen	5.0	15.0
2	Odour	IS: 3025 (P-5)	Agreeable	-	Agreeable	Agreeable
3	Taste	IS: 3025 (P-7)	Agreeable	-	Agreeable	Agreeable
4	Turbidity	IS: 3025 (P-10)	<1.0	NTU	1.0	5.0
5	pH	IS: 3025 (P-11)	7.42	-	6.5-8.5	No relaxation
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	174.0	mg/L	200.0	600.0
7	Calcium (as Ca)	IS: 3025 (P-40)	41.68	mg/L	75.0	200.0
8	Iron (as Fe)	APHA 3125 B	<0.1	mg/L	1.0	No relaxation
9	Chloride (as Cl)	IS: 3025 (P-32)	28.8	mg/L	250.0	1000.0
10	Residual Free Chlorine	IS: 3025 (P-26)	<0.1	mg/L	0.2	1.0
11	Chloramines (as Cl ₂)	IS: 3025 (P-26)	<1.0	mg/L	4	No relaxation
12	Fluoride (as F)	IS: 3025 (P-60)	<1.0	mg/L	1.0	1.5
13	Total Dissolved Solids	IS: 3025 (P-16)	354.0	mg/L	500.0	2000.0
14	Magnesium (as Mg)	IS: 3025 (P-46)	17.01	mg/L	30.0	100.0
15	Copper (as Cu)	APHA 3125 B	<0.005	mg/L	0.05	1.5
16	Manganese (as Mn)	APHA 3125 B	<0.005	mg/L	0.1	0.3
17	Sulphate (as SO ₄)	IS: 3025 (P-24)	24.3	mg/L	200.0	400.0
18	Nitrate (as NO ₃)	IS: 3025 (P-34)	0.88	mg/L	45.0	No relaxation
19	Phenolic Compounds (as C ₆ H ₅ OH)	IS: 3025 (P-43)	<0.001	mg/L	0.001	0.002
20	Mercury (as Hg)	APHA 3125 B	<0.001	mg/L	0.001	No relaxation
21	Selenium (as Se)	APHA 3125 B	<0.005	mg/L	0.01	No relaxation



Page 1 of 2



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22	Arsenic (as As)	APHA 3125 B	<0.005	mg/L	0.01	No relaxation
23	Cyanide (as CN)	APHA 4500 CN-K	Absent	mg/L	0.05	No relaxation
24	Lead (as Pb)	APHA 3125 B	<0.005	mg/L	0.01	No relaxation
25	Zinc (as Zn)	APHA 3125 B	<0.05	mg/L	5.0	15.0
26	Barium (as Ba)	APHA 3125 B	<0.01	mg/L	0.7	No relaxation
27	Mineral Oil	IS: 3025 (P-39)	Absent	mg/L	0.5	No relaxation
28	Ammonia (as Total Ammonia-N)	IS: 3025 (P-34)	<0.5	mg/L	0.5	No relaxation
29	Total Chromium (as Cr)	APHA 3125 B	<0.005	mg/L	0.05	No relaxation
30	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	224.0	mg/L	200.0	600.0
31	Aluminium (as Al)	APHA 3125 B	<0.005	mg/L	0.03	0.2
32	Boron (as B)	IS: 3025 (P-57)	<0.25	mg/L	0.5	1.0
33	Cadmium (as Cd)	APHA 3125 B	<0.001	mg/L	0.003	No relaxation
34	Anionic Detergents (as MBAS)	IS: 13428	<0.05	mg/L	0.2	1.0
35	Sulphide (as H ₂ S)	IS: 3025 (P-29)	<0.05	mg/L	0.05	No relaxation
36	Silver (as Ag)	APHA 3125 B	<0.005	mg/L	0.1	No relaxation
37	Nickel (as Ni)	APHA 3125 B	<0.005	mg/L	0.02	No relaxation
38	Molybdenum (as Mo)	APHA 3125 B	<0.005	mg/L	0.07	No relaxation
39	Total Coliform	IS: 15185	Absent	Per 100mL	Should be Absent	-
40	E.coli	IS: 15185	Absent	Per 100mL	Should be Absent	-

Remarks: Standard applicable only for Drinking water.

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
5. Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.

SHIVANGI SINGH RAIZADA
SECTION INCHARGE MICROBIOLOGY

(Authorised Signatory)

For EKO PRO ENGINEERS PVT. LTD.

PURNIMA CHAUHAN
TECHNICAL MANAGER

(Authorised Signatory)



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TEST REPORT Water Sample Analysis

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Issued To : NAINI PAPERS LIMITED PM-2
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Sample Description : Ground Water (Drinking Water)
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Sample Drawn by : EPEPL (Mr. Chandan Sharma)
Sample Received on : 23/05/2023
Sampling Location : From Borewell
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Sample Quantity : 2.0 Litre
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2	Odour	IS: 3025 (P-5)	Agreeable	-	Agreeable	Agreeable
3	Taste	IS: 3025 (P-7)	Agreeable	-	Agreeable	Agreeable
4	Turbidity	IS: 3025 (P-10)	<1.0	NTU	1.0	5.0
5	pH	IS: 3025 (P-11)	7.31	-	6.5-8.5	No relaxation
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	165.0	mg/L	200.0	600.0
7	Calcium (as Ca)	IS: 3025 (P-40)	39.68	mg/L	75.0	200.0
8	Iron (as Fe)	APHA 3125 B	<0.1	mg/L	1.0	No relaxation
9	Chloride (as Cl)	IS: 3025 (P-32)	26.5	mg/L	250.0	1000.0
10	Residual Free Chlorine	IS: 3025 (P-26)	<0.1	mg/L	0.2	1.0
11	Chloramines (as Cl ₂)	IS: 3025 (P-26)	<1.0	mg/L	4	No relaxation
12	Fluoride (as F)	IS: 3025 (P-60)	<1.0	mg/L	1.0	1.5
13	Total Dissolved Solids	IS: 3025 (P-16)	360.0	mg/L	500.0	2000.0
14	Magnesium (as Mg)	IS: 3025 (P-46)	16.04	mg/L	30.0	100.0
15	Copper (as Cu)	APHA 3125 B	<0.005	mg/L	0.05	1.5
16	Manganese (as Mn)	APHA 3125 B	<0.005	mg/L	0.1	0.3
17	Sulphate (as SO ₄)	IS: 3025 (P-24)	26.7	mg/L	200.0	400.0
18	Nitrate (as NO ₃)	IS: 3025 (P-34)	0.74	mg/L	45.0	No relaxation
19	Phenolic Compounds (as C ₆ H ₅ OH)	IS: 3025 (P-43)	<0.001	mg/L	0.001	0.002
20	Mercury (as Hg)	APHA 3125 B	<0.001	mg/L	0.001	No relaxation
21	Selenium (as Se)	APHA 3125 B	<0.005	mg/L	0.01	No relaxation





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28	Ammonia (as Total Ammonia-N)	IS: 3025 (P-34)	<0.5	mg/L	0.5	No relaxation
29	Total Chromium (as Cr)	APHA 3125 B	<0.005	mg/L	0.05	No relaxation
30	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	219.0	mg/L	200.0	600.0
31	Aluminium (as Al)	APHA 3125 B	<0.005	mg/L	0.03	0.2
32	Boron (as B)	IS: 3025 (P-57)	<0.25	mg/L	0.5	1.0
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34	Anionic Detergents (as MBAS)	IS: 13428	<0.05	mg/L	0.2	1.0
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36	Silver (as Ag)	APHA 3125 B	<0.005	mg/L	0.1	No relaxation
37	Nickel (as Ni)	APHA 3125 B	<0.005	mg/L	0.02	No relaxation
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