



Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
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ULR -TC50632000007047P

TEST REPORT**Water Sample Analysis**

Test Report No : EKO/011/260920

Issue Date : 01/10/2020

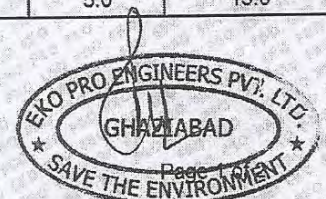
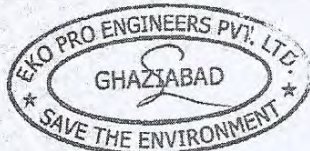
Issued To

: JAYPEE VIDYA MANDIR
(Vishnupuram marwari Colony)
Post - Joshimath
Chamoli - Ultrakhand

Sample Description : Drinking Water
Sample Drawn on : 25/09/2020
Sample Drawn by : EPEPL (Mr. Anuj Kumar)
Sample Received on : 26/09/2020
Sampling Location : Jaypee Vidya Mandir
Sampling Plan & Procedure : SOP-W/66
Sample Quantity : 3.0 Litre
Environmental Conditions : Normal
Analysis Duration : 26/09/2020 To 01/10/2020
Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS: 10500-2012 (Amd.No.2 Sep-2018)	
					Acceptable	Permissible
1	Colour	IS: 3025 (P-4)	<1.0	Hazen	5.0	15.0
2	Turbidity	IS: 3025 (P-10)	<1.0	NTU	1.0	5.0
3	pH	IS: 3025 (P-11)	7.12	-	6.5-8.5	No relaxation
4	Total Hardness (as CaCO ₃)	IS: 3025 P-21)	48.0	mg/L	200.0	600.0
5	Calcium (as Ca)	IS: 3025 (P-40)	11.6	mg/L	75.0	200.0
6	Iron (as Fe) #	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	1.0	No relaxation
7	Chloride (as Cl)	IS: 3025 (P-32)	34.5	mg/L	250.0	1000.0
8	Residual Free Chlorine	IS: 3025 (P-26)	<0.1	mg/L	0.2	1.0
9	Fluoride (as F)	IS: 3025 (P-60)	<1.0	mg/L	1.0	1.5
10	Total Dissolved Solids	IS: 3025 (P-16)	134.0	mg/L	500.0	2000.0
11	Magnesium (as Mg)	IS: 3025 (P-46)	5.10	mg/L	30.0	100.0
12	Copper (as Cu)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.05	1.5
13	Manganese (as Mn) #	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.1	0.3
14	Sulphate (as SO ₄)	IS: 3025 (P-24)	18.3	mg/L	200.0	400.0
15	Nitrate (as NO ₃)	IS: 3025 (P-34)	0.74	mg/L	45.0	No relaxation
16	Phenolic Compounds(as C ₆ H ₅ OH)	IS: 3025 (P-43)	<0.001	mg/L	0.001	0.002
17	Mercury (as Hg)	EKO/CHEM/SOP-ICPMS/W-01	<0.001	mg/L	0.001	No relaxation
18	Selenium (as Se)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.01	No relaxation
19	Arsenic (as As)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.01	No relaxation
20	Cyanide (as CN)	APHA 4500 CN-K	Absent	mg/L	0.05	No relaxation
21	Lead (as Pb)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.01	No relaxation
22	Zinc (as Zn)	EKO/CHEM/SOP-ICPMS/W-01	<0.01	mg/L	5.0	15.0





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EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

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23	Total Chromium (as Cr)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.05	No relaxation
24	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	28.0	mg/L	200.0	600.0
25	Aluminium (as Al)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.03	0.2
26	Boron (as B)	IS: 3025 (P-57)	<0.25	mg/L	0.5	2.4
27	Cadmium (as Cd)	EKO/CHEM/SOP-ICPMS/W-01	<0.001	mg/L	0.003	No relaxation
28	Anionic Detergents (as MBAS)	APHA 5540	<0.1	mg/L	0.2	1.0
29	Total Coliform	IS: 15185	Absent (<1)	cfu/100ml	Should be Absent	No relaxation
30	E.coli	IS: 15185	Absent	Per 100mL	Should be Absent	No relaxation

Notes:

- The results given above are related to the tested sample, as received & mentioned parameters. (* non accredited parameters).
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of reporting of result, 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.
- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.
SHIVANGI BHARGAVA
SECTION IN CHARGE MICROBIOLOGY
(Authorised Signatory)

For EKO PRO ENGINEERS PVT. LTD.
PIRNIWA BHAIHAN
TECHNICAL MANAGER
(Authorised Signatory)