



ENVIROCHECK

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Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



FORMAT NO. ENV/FM/55

TEST REPORT

Name of the Project	:	Utkarsh Sfatik Ltd. (City Center - Patna)	Type of Project	:	Real Estate
Address	:	Opp. - Fire Brigade, Lodhipur, Budhamarg, Patna - 800001	Sampling Date	:	22.08.2024
			Period of Analysis	:	22.08.2024-29.08.2024
			Date of Issue	:	31.08.2024
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Drinking Water (R.O)
Location	:	R.O Plant Inside the Mall	Sample Condition	:	Sealed
			Sample ID No.	:	ENV/249/W/M
Sample ID No.	:	ENV/249/TR(W)/M/24-25			

PARAMETERS	RESULTS	LIMIT- IS 10500: 2012
1. Colour (Hazen)	: 1.0	15.0
2. Odour	: Unobjectionable	Agreeable
3. Taste	: Acceptable	Agreeable
4. pH	: 6.80	6.5 - 8.5**
5. Total Hardness as CaCO ₃ (mg./l)	: 17.0	600.0
6. Calcium as Ca (mg./l)	: 4.81	200.0
7. Magnesium as Mg (mg./l)	: 1.2	100.0
8. Chloride as Cl (mg./l)	: 5.0	1000.0
9. Iron as Fe (mg./l)	: 0.05	1.0**
10. Arsenic (mg./l)	: <0.01	0.01**
11. Cadmium (mg./l)	: <0.002	0.003**
12. Copper as Cu (mg./l)	: <0.04	1.5
13. Cyanide(mg./l)	: <0.01	0.05**
14. Lead (mg./l)	: <0.005	0.01**
15. Mercury(mg./l)	: <0.001	0.001**
16. Nitrate as NO ₃ (mg./l)	: 1.20	45.0**
17. Total Dissolved Solids (mg./l)	: 60.0	2000.0
18. Phenolic Compounds as Phenol (mg./l)	: <0.001	0.002
19. Zinc as Zn (mg./l)	: <0.01	15.0
20. Sulphate as SO ₄ (mg./l)	: 6.50	400.0
21. Residual Free Chlorine (mg./l)	: <0.04	1.0
22. Fluoride as F (mg./l)	: <0.1	1.5
23. Manganese as Mn (mg./l)	: <0.05	0.3
24. Alkalinity (mg./l)	: 80.0	600.0
25. Aluminium as Al (mg./l)	: <0.02	0.2
26. Boron (mg./l)	: <0.1	1.0
27. Hexavalent Chromium (mg./l)	: <0.1	--
28. Mineral Oil (mg./l)	: <0.01	0.5**
29. Nickel (mg./l)	: <0.01	0.02**
30. Turbidity (NTU)	: 1.62	5.0
31. Total Coliform (CFU/100ml.)	: Absent	Shall not be detectable in any 100 ml. sample
32. E. Coli (CFU/100 ml.)	: Absent	Shall not be detectable in any 100 ml. sample
33. Algae (No./ml.)	: Absent	--
34. Zooplankton (No./ml)	: Absent	--
35. Rotifer (No./ml.)	: Absent	--

Remarks : a) CFU indicates Colony Forming Unit.

b) Desirable limit and Permissible Limit are same due to no Relaxation as per IS : 10500-2012.

c) The (*) marked limit are as per IS 10500:2012 Drinking Water Specification (Amendment No.1, June'2015) (Second Revision).

d) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

e) Result relates only to the sample tested.

Authorized Signatory:

DR. AJAY PAUL
Scientist

<End of Report>

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