

# APEX TESTING AND RESEARCH LABORATORY



9/50, Kirti Nagar, Industrial Area, New Delhi-110015  
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ISO 9001:2015 | ISO 14001:2015  
ISO 45001:2018 Certified | FSSAI Approved Lab | Govt. Approved Lab

## TEST REPORT

Issued To : M/s SPRINGA ENTERPRISES  
: H No. 55, Peetal Nagri Near peetal basti chowki Moradabad  
Uttar Pradesh 244001

Report /Sample No. : 2026130AP1622

Date Of Receipt : 20.03.2026

Date of Issue : 22.03.2026

Nature of the Sample : Water

Test Started On : 20.03.2026

Source Of Water : R.O Water

Test Completed on : 22.03.2026

Sampling Method : ATRL/CHEM/SOP/001

Sample Quantity : 10 ltr + Sterilized bottle

Batch No. : N.S

Sample Pkg. : Pet Bottle

Sampling Location : H No. 55 Peetal Nagri Near Peetal Basti Chowki Moradabad

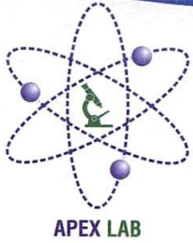
Description : One Sample Of "Water" Collected By Our Laboratory Representative (Mr. Saran)

S. No	Test Parameters	Units of Measurements	Results	Requirement FSSR,2016 (Regulation 2.10.8)	Method Reference
<b>Organoleptic and Physical Parameters</b>					
1	Colour	HU	<2	2 max	IS:3025(P-4)-2021
2	Odour	--	Agreeable	Agreeable	IS:3025(P-5)-2018
3	Taste	--	Agreeable	Agreeable	IS:3025(P-7&8) 2023
4	Turbidity	NTU	<1	2 max	IS:3025(P-10)-2023
5	Total Dissolved Solids (TDS)	mg/l	159	500 max	IS:3025(P-16)-2023
6	pH value	--	7.53	6.0-8.5	IS:3025(P-11)-2022
<b>General Parameters concerning Substances undesirable in excessive amounts</b>					
1	Sulphate(as SO4)	mg/l	9	200 max	IS:3025(P-24)-Sec 1 2022
2	Total Alkalinity (as HCO3)	mg/l	49	200 max	IS:3025(P-23)-2023
3	Iron(as Fe)	mg/l	ND(DL-0.1)	0.1 max	IS:3025(Pt-53) 2003 :RA-2019
4	Magnesium (as Mg)	mg/l	10	10 to 30	IS:3025(P-46)-2023
5	Nitrate(as NO3)	mg/l	ND(DL-0.1)	45 Max	IS:3025(P-34)-1988, RA 2019
6	Nitrite(as NO2)	mg/l	ND(DL-0.01)	0.02 Max	IS:3025(P-34)-1988, RA 2019
7	Flouride(as F)	mg/l	ND(DL-0.1)	1 max	APHA 24 <sup>th</sup> Ed. 4500D : 2023
8	Calcium(as Ca)	mg/l	21	20 to 75	IS:3025(P-40)-1991, RA 2019
9	Sodium (as Na)	mg/l	10	200 max	IS:3025(P-45)-1993 RA 2019
10	Chloride (as Cl)	mg/l	24	200 max	IS:3025(P-32)-1988, RA 2019
11	Free Residual Chlorine(as Cl2)	mg/l	ND(DL-0.1)	0.2 max	IS:3025(P-26)-2021
12	Phenolic compounds(as C6H5OH)	mg/l	Absent	Absent	IS:3025(P-43)-Sec-1 : 2022
13.	Sulphide(as H2S)	mg/l	ND(DL-0.02)	0.05 max	IS:3025(P-29)- 2022
14.	Borates (as B)	mg/l	ND(DL-0.1)	5.0 max	Annex-H IS:13428: 2005
15	Mineral Oil	mg/l	Absent	Absent	IS:3025(P-39)-2021
16	Antimony (as Sb)	mg/l	ND(DL-0.001)	0.005 max	IS : 3025 (P- 65)-2022
17	Bromates (as BrO3)	mg/l	ND(DL-0.01)	0.01 max	IS : 3025 (P- 65)-2022
18	Zinc (as Zn)	mg/l	ND(DL- 0.1)	5.0 max	IS : 3025 (P- 65)-2022
19	Silver (as Ag)	mg/l	ND(DL-0.01)	0.01 max	IS : 3025 (P- 65)-2022

Authorized Signatory  
(Chemical)

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## TEST REPORT

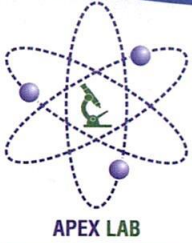
Sample Name :- Water

S. No	Test Parameters	Units of Measurements	Results	Requirement FSSR,2016 (Regulation 2.10.8)	Method Reference
20.	Aluminium (as Al)	mg/l	ND(DL-0.02)	0.03 max	IS : 3025 (P- 65)-2022
21.	Copper (as Cu)	mg/l	ND(DL-0.01)	0.05 max	IS : 3025 (P- 65)-2022
22.	Barium (as Ba)	mg/l	ND(DL- 0.1)	0.7 max	IS : 3025 (P- 65)-2022
23.	Manganese (as Mn)	mg/l	ND(DL- 0.1)	0.1 max	IS : 3025 (P- 65)-2022
24.	Selenium (as Se)	mg/l	ND(DL-0.01)	0.01 max	IS : 3025 (P- 65)-2022
<b>Toxic Parameters</b>					
1	Lead (as Pb)	mg/l	BLQ(LOQ-0.01)	0.01 max	IS : 3025 (P- 65)-2022
2	Chromium (as Cr)	mg/l	BLQ(LOQ-0.01)	0.05 max	IS : 3025 (P- 65)-2022
3	Mercury (Hg)	mg/l	BLQ(LOQ-0.001)	0.001 Max	IS : 3025 (P- 65)-2022
4	Cadmium (as Cd)	mg/l	BLQ(LOQ-0.001)	0.003 Max	IS : 3025 (P- 65)-2022
5	Arsenic (as As)	mg/l	BLQ(LOQ-0.01)	0.01 Max	IS : 3025 (P- 65)-2022
6	Cynide (as CN)	mg/l	Absent	Absent	IS : 3025 (P- 65)-2022
7	Nickle (as Ni)	mg/l	BLQ(LOQ-0.01)	0.02 Max	IS : 3025 (P- 65)-2022
8.	Polychlorinated Biphenyle (PCB)	mg/l	Not Detected	Not Detected	Annex M of IS: 13428
<b>9. Pesticides and Residues</b>					
i)	DDT(o,p & p,p-isomers of DDT,DDE & DDD)	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	508 of USEPA
ii)	γ-HCH(Lindane)	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	508 of USEPA
iii)	α,beta and gamma-HCH	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	508 of USEPA
iv)	Endosulphan(α,β and Sulphate)	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	508 of USEPA
v)	Monocrotophos	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	8141A of USEPA
vi)	Ethion	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	1657A of USEPA
vii)	Chlorpyrifos	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	8141A of USEPA
viii)	Phorate(Phorate and its oxygrn analogue that is phorate sulphoxide and phorate sulphone)	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	8141A of USEPA
ix)	2,4-D	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	515.1 of USEPA
x)	Butachlor	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	8141A of USEPA
xi)	Isoproturon	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	532 of USEPA
				NMT 0.0005	
xii)	Alachlor	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	507 of USEPA
xiii)	Atrazine	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	8141A of USEPA
xiv)	Methyl parathion(Methyl parathion and its oxygen analogue that is methyl-paraxon)	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	8141A of USEPA
xv)	Malathion(Malathion and its oxygen analogue that is malaaxon)	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	8141A of USEPA
xvi)	Aldrin and dieldrin	mg/l	BLQ(LOQ-0.00005)	NMT 0.0005	525.2 of USEPA



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Sample Name : Water					
S. No	Test Parameters	Units of Measurements	Results	Requirement FSSR,2016 (Regulation 2.10.8)	Method Reference
<b>MICROBIOLOGICAL PARAMETERS</b>					
1	Coliform Bacteria	Per/ 250 ml	Absent	Absent	IS:5401(Part-1): 2012 (RA 2022)
2	Faecal streptococci	Per/ 250 ml	Absent	Absent	IS:5887(Part-2): 1976 (RA 2022)
3	Sulphite reducing anaerobes	Per/ 50 ml	Absent	Absent	Annex C of IS:13428
4	Pseudomonas aeruginosa	Per/ 250 ml	Absent	Absent	Annex D of IS:13428
5	Aerobic Microbial count				
(i)	at 20-22° C in 72 hours	cfu/ml	25	100 max	IS:5402 -P1 : 2021
(ii)	at 37 ± 1° C in 24 hours	cfu/ml	<10	20 max	IS:5402 -P1 : 2021
6	Yeast and mould	Per 250 ml	Absent	Absent	IS:5403 -1999[RA 2018]
7	Salmonella	Per 250 ml	Absent	Absent	IS:15187 : 2016
8	Vibrio cholera	Per 250 ml	Absent	Absent	IS:5887(Part-5)-Sec-1 2023
9	V.parahaemolyticus	Per 250 ml	Absent	Absent	IS:5887(Part-5)- Sec-1 2023
10	Shigella	Per 250 ml	Absent	Absent	IS:5887(Part-7): 1999 [RA 2022]
11	S. aureus	Per 250 ml	Absent	Absent	IS:5887(Part-2): 1976 [RA 2022]
12	E.coli	Per 250 ml	Absent	Absent	IS:15185 : 2016

Remark: The sample conforms to FSSR 2016 Regulation 2.10.8 for given parameters in the above respect only.

ND- Not Detected ,DL- Detection Limit, BLQ (Below The Limit Of Quantification.), LOQ (Limit Of Quantification)

  
Authorized Signatory  
(Microbiology)



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**\*\*End Of Report\*\***