TEST REPORT

	Report No.	ISSPL/WW/26-27/10887	**Date**	/ /
1.	**Name & address of Customer**	**Shree Swastic Minerals Pvt. Ltd.** 194, Santosh Sagar Colony, Brahmapuri, Jaipur- 302002 Rajasthan		
2.	**Reference No.**	Your TRF Dated : 14/08/2026 (Reg. No. - 26-27/88113)		
3.	**Material Identification with details**	DRINKING WATER: (Raw Water) Date and Time of Sampling: 14/08/2026 (02:40 pm to 03:25 pm), Location: Tank, Qty.: 10 Ltr.		
4.	**Source / Location**	Tank		
5.	**Sampled By/Condition of Sample**	ISSPL- Mr. Banshi Lal Meena / OK		
6.	**Date of sample receipt**	14/08/2026		
7.	**Date of Sample Registration**	14/08/2026		
8.	**Date of sample Testing**	20/08/2026 To / /		
9.	**Environmental Conditions**	Room Temperature (°C) : NA | Relative Humidity (%) : NA		

RESULTS

S.No.	Name of Test	Method of Test	Test Result	Units	Limits as per IS:10500:2012	
					Acceptable	**Permissible**
Organoleptic and Physical Parameters:						
	Water					
1	pH	IS:3025 (Part-11)-2022	7.52	-	6.5 – 8.5	No relaxation
2	Colour	IS:3025 (Part-4)-2021	BLQ(LOQ:1.0)	CU	5.0 (Max.)	15 (Max.)
3	Odour	IS:3025 (Part-5)- 2018	Agreeable	-	Agreeable	Agreeable
4	Taste	IS:3025 (Part-8)-2023	Agreeable	-	Agreeable	Agreeable
5	Turbidity	IS 3025 (Part -10 Sec -2)-2024	BLQ(LOQ:1.0)	NTU	1 (Max)	5 (Max.)
6	Total Dissolved Solids	IS:3025 (Part-16)-2023	880	mg/l	500 (Max.)	2000 (Max.)

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					Acceptable	Permissible
General Parameters Concerning Substances Undesirable:						
	Water					
7	Ammonia (as total Ammonia-N)	IS:3025 (Part-34 Sec-1)-2023	BLQ(LOQ:0.1)	mg/l	0.5 (Max.)	No relaxation
8	Anionic Detergents (as MBAS)	Annex K of IS 13428: 2005	BLQ(LOQ:0.05)	mg/l	0.2 (Max.)	1.0 (Max.)
9	Calcium (as Ca)	IS:3025 (Part-40)-2024	84.2	mg/l	75 (Max.)	200 (Max.)
10	Chloramines (as Cl2)	IS 3025 (Part-26)-2024	BLQ(LOQ:0.05)	mg/l	4.0 (Max.)	No relaxation
11	Chlorides (as Cl-)	IS:3025 (Part-32)-1988:RA 2019	171	mg/l	250 (Max.)	1000 (Max.)
12	Fluorides (as F)	IS:3025 (Part-60:Sec-1)-2023	0.46	mg/l	1.0 (Max.)	1.5 (Max.)
13	Free Residual Chlorine	IS 3025 (Part 26)-2021	BLQ(LOQ:0.05)	mg/L	0.2 (Min.)##	1 (Min.)
14	Magnesium (as Mg)	IS:3025 (Part-46)-2023	85.2	mg/L	30 (Max.)	100 (Max.)
15	Nitrate (as NO3)	APHA 24rd Edition 4500-NO3-B: 2023	40.2	mg/L	45 (Max.)	No relaxation
16	Mineral Oil	IS:3025 (Part-39)-2021	BLQ(LOQ:1.0)	mg/L	1.0 (Max.)	No relaxation
17	Phenolic Compound (as C6H5OH)	IS:3025 (Part-43/Sec-1) 2022	BLQ(LOQ:0.001)	mg/L	0.001 (Max.)	0.002 (Max.)
18	Sulphate (as SO4)	IS:3025 (Part-24/Sec-1) 2022	97.1	mg/L	200 (Max.)	400 (Max.)
19	Sulphide (as H2S)	IS 3025 (Part 29) : 2022	BLQ(LOQ:0.04)	mg/L	0.05 (Max.)	No relaxation
20	Total Alkalinity (as CaCo3)	IS:3025 (Part-23)-2023	550	mg/L	200 (Max.)	600 (Max.)
21	Total Hardness (as CaCO3)	IS:3025 (Part-21)-2009	560	mg/L	200 (Max.)	600 (Max.)

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					Acceptable	Permissible
21		RA:2023				
22	Barium (as Ba)	IS 3025 (Part 65) : 2022	0.124	mg/L	0.70 (Max.)	No relaxation
23	Aluminium (as Al)	IS 3025 (Part 65) : 2022	BLQ (LOQ 0.01)	mg/L	0.03 (Max.)	0.20 (Max.)
24	Boron (as B)	IS 3025 (Part 65) : 2022	0.313	mg/L	0.50 (Max.)	2.4 (Max.)
25	Copper (as Cu)	IS 3025 (Part 65) : 2022	BLQ (LOQ 0.005)	mg/L	0.05 (Max.)	1.50 (Max.)
26	Iron (as Fe)	IS 3025 (Part 65) : 2022	BLQ (LOQ 0.1)	mg/L	1.0 (Max.)	No relaxation
27	Manganese (as Mn)	IS 3025 (Part 65) : 2022	0.089	mg/L	0.10 (Max.)	0.30 (Max.)
28	Selenium (as Se)	IS 3025 (Part 65) : 2022	BLQ (LOQ 0.005)	mg/L	0.01 (Max.)	No relaxation
29	Silver (as Ag)	IS 3025 (Part 65) : 2022	BLQ (LOQ 0.01)	mg/L	0.10 (Max.)	No relaxation
30	Zinc (as Zn)	IS 3025 (Part 65) : 2022	BLQ (LOQ 0.005)	mg/L	5.0 (Max.)	15.0 (Max.)
Parameters Concerning Toxic Substances:						
	Water					
31	Cyanide (as CN)	IS 3025 (Part -27 Sec-2) : 2022	BLQ(LOQ:0.02)	mg/L	0.05 (Max.)	No relaxation
32	Cadmium (as Cd)	IS 3025 (Part 65) : 2022	BLQ (LOQ 0.001)	mg/L	0.003 (Max.)	No relaxation
33	Lead (as Pb)	IS 3025 (Part 65) : 2022	BLQ (LOQ 0.005)	mg/L	0.01 (Max.)	No relaxation
34	Mercury (as Hg)	IS 3025 (Part 65) : 2022	BLQ (LOQ 0.0005)	mg/L	0.001 (Max.)	No relaxation
35	Nickel (as Ni)	IS 3025 (Part 65) : 2022	BLQ (LOQ 0.005)	mg/L	0.02 (Max.)	No relaxation
36	Molybdenum (as Mo)	IS 3025 (Part 65) : 2022	BLQ (LOQ 0.005)	mg/L	0.07 (Max.)	No relaxation

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					Acceptable	Permissible
37	Arsenic (as As)	IS 3025 (Part 65) : 2022	BLQ (LOQ 0.005)	mg/L	0.01 (Max.)	No relaxation
38	Total Chromium (as Cr)	IS 3025 (Part 65) : 2022	BLQ (LOQ 0.005)	mg/L	0.05 (Max.)	No relaxation
39	Uranium (as U)	IS 3025 (Part 65) : 2022	BLQ (LOQ 0.005)	mg/L	0.03 (Max.)	No relaxation
40	Poly Chlorinated Biphenyl (PCB)	ISSPL/STP/C/009	BLQ (LOQ 0.000025)	mg/L	0.0005 (Max.)	No relaxation
41	2,4,4-Trichlorobiphnyl_(PCB_28)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
42	2,2,5,5-Tetrachloro_biphenyl_(PCB-52)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
43	2,2,4,5,5-Pentachloro_biphenyl_(PCB-101)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
44	2,2,3,4,4,5-Hexachloro_biphenyl_(PCB-138)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
45	2,2,4,4,5,5-Hexachloro_biphenyl_(PCB-153)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
46	2,2,3,4,4,5,5-Heptachloro_biphenyl_(PCB-180)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
47	2,2'3,3'4,4'5,5'-Octachlorobiphenyl_(PCB-194)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
48	Polynuclear aromatic Hydrocarbons (PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.000025)	mg/L	0.0001 (Max.)	No relaxation
49	Acenaphthene (PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
50	Anthracene (PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
51	Acenapthylene (PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
52	Benzo(a)anthracene (PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	
53	Benzo(a)pyrene (PAH)	ISSPL/STP/C/009	BLQ (LOQ	µg/L	Not Specified	-

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					Acceptable	Permissible
53			0.025)			
54	Benzo(a)fluoranthene (PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
55	Benzo(b)fluoranthene (PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
56	Benzo(g,h,i)perylene (PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
57	Benzo(k)fluoranthene (PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
58	Chrysene (PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
59	Dibenzo(a,h)anthracene(PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
60	Fluoranthene (PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
61	Fluorene (PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
62	Indeno(1,2,3,c,d)pyrene(PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
63	Naphthalene (PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
64	Phenenthrene (PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
65	Pyrene (PAH)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	µg/L	Not Specified	-
Trihalomethanes:						
	Water					
66	Bromoform (THM)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	mg/L	0.10 (Max.)	No relaxation
67	Dibromochloromethane (THM)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	mg/L	0.10 (Max.)	No relaxation
68	Bromodichloromethane (THM)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	mg/L	0.06 (Max.)	No relaxation

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					Acceptable	Permissible
69	Chloroform (THM)	ISSPL/STP/C/009	BLQ (LOQ 0.025)	mg/L	0.20 (Max.)	No relaxation
Pesticides Residues:						
	Water					
70	Alachlor	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	20.0 (Max.)	-
71	Atrazine	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	2.0 (Max.)	-
72	Aldrin	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	0.03 (Max.)	-
73	Alpha HCH	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	0.01 (Max.)	-
74	Beta HCH	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	0.04 (Max.)	-
75	Butachlor	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	125.0 (Max.)	-
76	Chlorpyriphos	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	30.0 (Max.)	-
77	Delta HCH	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	0.04 (Max.)	-
78	2, 4 Dichlorophenoxy acetic Acid	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	30.0 (Max.)	-
79	DDT (o.p and p.p- Isomers of DDT, DDE and DDD)	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	1.0 (Max.)	-
80	2,4 DDE	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	1.0 (Max.)	
81	4,4 DDE	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	1.0 (Max.)	
82	2,4 DDD	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	1.0 (Max.)	
83	4,4 DDD	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	1.0 (Max.)	
84	2,4 DDT	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	1.0 (Max.)	
85	4,4 DDT	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	1.0 (Max.)	
86	Endosulfan (Alpha, Beta & Sulphate)	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	0.4 (Max.)	-
87	Alpha endosulfan	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	0.4 (Max.)	-
88	Beta endosulfan	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	0.4 (Max.)	-
89	Ethion	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	3.0 (Max.)	-
90	Gamma-HCH (Lindane)	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	2.0 (Max.)	-
91	Isoproturon	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	9.0 (Max.)	-
92	Malathion	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	190.0 (Max.)	-
93	Methyl Parathion	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	0.3 (Max.)	-
94	Monocrotophos	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	1.0 (Max.)	-

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Doc. No. ISSPL/QP/13/F-01

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S.No.	Name of Test	Method of Test	Test Result	Units	Limits as per IS:10500:2012	
					Acceptable	Permissible
95	Phorate	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	2.0 (Max.)	-
96	Dieldrin	ISSPL/STP/C/009	BLQ (LOQ 0.01)	µg/L	0.03 (Max.)	-
Parameters Concerning Radioactive Substances:						
	Water					
97	Radioactive materials: Alpha emitters*	IS: 14194 (Part-2) 2013		Bq/L	0.1 (Max.)	
98	Radioactive materials: Beta emitters*	IS: 14194 (Part-1) 2013		Bq/L	1.0 (Max.)	
Biological Testing						
	Water:					
99	Total coliform	IS 15185 : 2016	Present	Per 100ml	Absent/100 ml	-
100	E.coli	IS 15185 : 2016	Present	Per 100ml	Absent/100 ml	-

End of the Report

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