

Test Report No: TR1903071	Date: 23.03.2019	Page 1 of 2
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CUSTOMER DETAILS			
Customer Name & Address : M/s. CASAGRAND Shelter LLP NPL Devi, #111, 5th Floor   L.B.Road, Thiruvannmiyur   Chennai – 41..			
Project Details : CASAGRAND- ASTA Site KORATTUR			
Customer Reference : Test Request Form dated on 16.03.2019			
SAMPLE DETAILS			
Sample Name	: Water	Sampled by	: Client
Sample Description	: Bore Well Water	Quantity	: 1.5Litre
Sample Collected on	: 16.03.2019	Sampling Location	: B/W Block C & D
Test Started on	: 16.03.2019	Test Completed on	: 23.03.2019

Sl. No.	Test Parameter	Unit	Test Method	Results	Requirement Limits as per IS 10500:2012
1	Physical Appearance After Filtration	--	Visual Examination	Clear	--
2	p H @ 25 ° C	--	IS:3025 (Part-11 ):1983 (Reaffirmed 2012)	7.39	6.5 – 8.5
3	Electrical Conductivity @ 25°C	µS/cm	IS:3025 (Part-14):1984 (Reaffirmed 2013)	5090	--
4	Colour	Hazen	IS:3025 (Part-4 ):1983 (Reaffirmed -2012)	2.9	5
5	Odour	--	IS 3025-(Part 5):1983 (Reaffirmed -2012)	Agreeable	Agreeable
6	Turbidity	NTU	IS:3025 (Part-10 ):1984 (Reaffirmed 2012)	3.6	1.0
7	Total Dissolved Solids	mg/L	IS:3025 (Part-16 ):1984 (Reaffirmed 2012)	3156	500
8	Total Suspended Solids	mg/L	IS:3025 (Part-17):1984 (Reaffirmed 2012)	5.0	--

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Sl. No.	Test Parameter	Unit	Test Method	Results	Requirement Limits as per IS 10500:2012
9	Total Hardness as CaCO <sub>3</sub>	mg/L	IS 3025-(Part 21) :2009 (Reaffirmed 2014)	1240	200
10	Calcium as Ca	mg/L	IS 3025-(Part 40) :1991 (Reaffirmed 2009)	208	75
11	Calcium Hardness as CaCO <sub>3</sub>	mg/L	IS 3025-(Part 40) 1991 (Reaffirmed 2009)	520	--
12	Magnesium as Mg	mg/L	IS 3025-(Part 46) :1994 (Reaffirmed 2009)	175	30
13	Magnesium Hardness as CaCO <sub>3</sub>	mg/L	IS 3025-(Part 46) 1994 (Reaffirmed 2009)	720	--
14	Chloride as Cl	mg/L	IS 3025-(Part 32) :1988 (Reaffirmed 2014)	1560	250
15	Sulphate as SO <sub>4</sub>	mg/L	APHA 22 <sup>nd</sup> EDITION 4500 SO <sub>4</sub> E :2012	127	200
16	Total Alkalinity as CaCO <sub>3</sub>	mg/L	IS:3025 (Part-23) 1986 (Reaffirmed 2014)	580	200
17	Phenolphthalein Alkalinity as CaCO <sub>3</sub>	mg/L	IS:3025 (Part-23) 1986 (Reaffirmed 2014)	NIL	--
18	Carbonate Hardness as CaCO <sub>3</sub>	mg/L	IS 3025-(Part 21) :2009	580	--
19	Non-Carbonate Hardness as CaCO <sub>3</sub>	mg/L	IS 3025-(Part 21) :2009	660	--
20	Free Residual Chlorine	mg/L	IS:3025 (Part-26) 1986 (Reaffirmed 2014)	BDL(DL:0.1)	0.2
21	Iron as Fe	mg/L	IS:3025 (Part-53) 2009 (Reaffirmed 2014)	0.15	0.3
22	Reactive Silica as SiO <sub>2</sub>	mg/L	IS:3025 (Part-35) 1988 (Reaffirmed 2014)	79.7	--
<b>BACTERIOLOGICAL PARAMETERS</b>					
Sl. No	Test Parameter	Unit	Test Method	Results	Requirement Limits
23	E. Coli	MPN/100ml	IS 1622:1981(Reaffirmed 2014)	<2	Shall not be detectable in any 100 ml of sample
24	Total Coliform	MPN/100ml	IS 1622:1981(Reaffirmed 2014)	23	

**Note:** BDL- Below Detection Limit; DL- Detection limit; MPN- Most Probable Number; <2 MPN/100ml = Absent

**Remarks:** The above submitted water sample **does not comply** domestic purpose with to the above test conducted

\*\*\* End of Test Report \*\*\*