

TEST REPORT



Report No:

(7419)063-0473

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No.	Parameters	Results	LOQ	Requirements**	Unit	Test Method
1	pH Value at 26 °C*	5.8	-	5.5 – 10.0	-	APHA 23rd ed: 2017 :4500H ⁺
2	Temperature of discharge	32.1	-	Max.45.	°C	APHA 23rd ed: 2017 :2550B
3	Total Kjeldahl Nitrogen (as N)	65.5	-	Max. 500	mg/l	APHA 23rd ed: 2017 :4500-Norg B
4	Ammoniacal Nitrogen (as N)	28.5	-	Max. 50	mg/l	APHA 23rd ed: 2017 : 4500-NH3 B&E
5	Chemical Oxygen Demand (COD)*	1297 ^s	-	Max. 850	mg/l	APHA 23rd ed: 2017 :APHA 5220D
6	Free Ammonia (as N)	1.8	-	Max. 50	mg/l	APHA 23rd ed: 2017 :4500-NH3 B&E
7	Biological Oxygen Demand (BOD ₅) @ 20°C*	80	-	Max. 350	mg/l	APHA 23rd ed: 2017 : APHA 5210D
8	Total Suspended Solids (TSS)*	46	-	Max. 500	mg/l	APHA 23rd ed: 2017 :APHA 2540D
9	Surfactants	ND	0.1	Max. 50	mg/l	APHA 23rd ed: 2017 :5540C
10	Sulphide (as S)	1.7	-	Max. 5.0	mg/l	APHA 23rd ed: 2017 :4500 S2- D
11	Fluoride (as F)*	0.6	-	Max. 20	mg/l	APHA 23rd ed: 2017 :4500 – F- C:2012
12	Total Residual Chlorine	ND	0.02	Max. 3.0	mg/l	APHA 23rd ed: 2017 :4500-Cl G
13	Oil & Grease*	ND	2.0	Max. 30	mg/l	APHA 23rd ed: 2017 :5520B
14	Sulphates (as SO ₄)*	10.1	-	Max.1000	mg/l	APHA 23rd ed: 2017 :4500 So ₄ ²⁻ -E
15	Arsenic (as As)	ND	0.001	Max. 0.2	mg/l	APHA 23rd ed: 2017 :with ICP-MS
16	Copper (as Cu)*	0.9	-	Max. 3.0	mg/l	
17	Nickel (as Ni)*	ND	0.001	Max. 3.0	mg/l	
18	Cadmium (as Cd)*	ND	0.0001	Max. 1.0	mg/l	
19	Total Chromium (as Cr)*	ND	0.001	Max. 2.0	mg/l	
20	Lead (as Pb)*	ND	0.001	Max. 1.0	mg/l	
21	Mercury (as Hg)	ND	0.00005	Max. 0.005	mg/l	
22	Zinc (as Zn)*	2.0	-	Max. 5.0	mg/l	
23	Selenium (as Se)	ND	0.001	Max. 0.05	mg/l	
24	Cyanide (as CN)	ND	0.05	Max. 2.0	mg/l	Picric Acid Method APHA 22nd Edition - 4500-NH3 B&E
25	Phenolic Compounds (as C ₆ H ₅ OH)	0.03	-	Max. 5	mg/l	APHA, AWWA and WEF, 21st Edition 2005
26	Chloride (as Cl ⁻)*	15	-	Max. 900	mg/l	APHA 23rd ed: 2017; 4500 Cl- B