



ENVIROCHECK

Recognised by MoEF&CC, WBPCB, JSPCB & OSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007



FORMAT NO. ENV/FM/55

TEST REPORT

Name of the Industry	: Himadri Speciality Chemical Ltd. (Mahestikry Unit - 1)	Type of Industry	: Chemical Plant		
Address	: P.O. + P.S. - Haripal, Dist. - Hooghly, Pin - 712223	Sampling Date	: 19.08.2020		
		Period of Analysis	: 19.08.2020 - 25.08.2020		
		Date of Issue	: 26.08.2020		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: R. O. Water
Location	: D. M. Plant	Report No.	: ENV/268A/W/M/20-21		

PARAMETERS		METHOD	UNIT	RESULTS
1.	Colour	IS 3025 (Part 4): 1983, RA 2012	--	1.0
2.	Odour	IS 3025 (Part 5) : 1983 : 2012		Odourless
3.	Taste	IS 3025 (Part 4) : 1983 : 2012	--	Acceptable
4.	pH	IS 3025 (Part 11): 1984, RA 2012	--	6.89
5.	Total Hardness	IS 3025 (Part 21): 2009, RA 2014	mg./l	20.0
6.	Calcium	IS 3025 (Part 40): 1991, RA 2014	mg./l	4.81
7.	Magnesium	IS 3025 (Part 46): 1994, RA 2014	mg./l	1.92
8.	Chloride	IS 3025 (Part 32): 1988, RA 2014	mg./l	8.60
9.	Iron	IS 3025(Part 53): 2003, RA 2014	mg./l	0.06
10.	Arsenic	IS 3025 (Part 37): 1988, RA 2014	mg./l	<0.01
11.	Cadmium	IS 3025 (Part 41): 1992, RA 2014	mg./l	<0.002
12.	Total Chromium	IS 3025 (Part 52): 2003, RA 2014	mg./l	<0.02
13.	Copper	IS 3025 (Part 42): 1992, RA 2014	mg./l	<0.04
14.	Cyanide	IS 3025 (Part 27): 1986, RA 2014	mg./l	<0.01
15.	Lead	IS 3025 (Part 47): 1994, RA 2014	mg./l	<0.005
16.	Mercury	IS 3025 (Part 48): 1994, RA 2009	mg./l	<0.001
17.	Nitrate	IS 3025 (Part 34): 1988, RA 2014	mg./l	1.80
18.	Total Dissolved Solids	IS 3025(Part 16): 1984, RA 2014	mg./l	60.0
19.	Phenolic Compounds	IS 3025 (Part 43): 1992, RA 2014	mg./l	<0.001
20.	Zinc	IS 3025 (Part 49): 1994, RA 2014	mg./l	0.12
21.	Sulphate	IS 3025 (Part 24): 1986, RA 2014	mg./l	16.50
22.	Turbidity	IS 3025 (Part 10): 1984, RA 2012	mg./l	<1.0
23.	Residual Free chlorine	IS 3025 (Part 26): 1986, RA 2014	mg./l	<0.1
24.	Fluoride	IS 3025 (Part 60): 2008, RA 2013	mg./l	<0.1
25.	Manganese	IS 3025 (Part 59): 2006, RA 2012	mg./l	<0.05
26.	Total Alkalinity	IS 3025 (Part 23): 1986, RA 2014	mg./l	20.0
27.	Aluminium	IS 15302: 2003, RA 2014	mg./l	<0.02
28.	Boron	IS 13428: 2005, RA 2014, Annex H	mg./l	<0.1

Reviewed By :

(Durbadal Chakraborty, Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul, Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ■ Ph. 033 25792891 / 25497490 ■ Fax : 033 25299141
 Laboratory : 189, 190 & 192, Rastraguru Avenue, Kolkata - 700028 ■ Ph. 033 25792889
 E-mail : envcheck@cal2.vsnl.net.in/envirocheck50@gmail.com ■ Website : www.envirocheck.org
 Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi
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		Date of Issue	: 26.08.2020		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: R.O. Water
Location	: D.M. Plant	Report No.	: ENV/268A/W/M/20-21		

PARAMETERS	METHOD	UNIT	RESULTS
1. Faecal Coliform	9222 D, APHA 23 rd Ed., 2017	CFU/100 ml.	Absent
2. E. Coli	9222 I, APHA 23 rd Ed., 2017	CFU/100 ml.	Absent

Remarks : CFU indicates Colony Forming Unit.

Reviewed By :

(Durbadal Chakraborty, Dy. Quality Manager)

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