



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017)  
Certified by ISO 9001:2015, ISO14001:2015 & OHSAS 18001:2007



FORMAT NO. ENV/FM/55

## TEST REPORT

Name of the Industry	: Himadri Speciality Chemical Ltd. (Mahestikry Unit)	Type of Industry	: Chemical Plant		
Address	: P.O. + P.S. - Haripal, Dist. - Hooghly, Pin - 712223	Sampling Date	: 10.11.2020		
		Period of Analysis	: 10.11.2020 - 13.11.2020		
		Date of Issue	: 18.11.2020		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Drinking Water
Location	: TDU Tap	Report No.	: TC60142000000327F		

PARAMETERS	METHOD	UNIT	RESULTS	LIMIT (IS:10500-2012)	
				Acceptable	Permissible
1. Colour	IS 3025 (Part 4): 1983, RA 2012	--	1.0	5.0	15.0
2. Odour	IS 3025 (Part 5) : 1983 : 2012	--	Odourless	Agreeable	Agreeable
3. Taste	IS 3025 (Part 4) : 1983, RA 2012	--	Acceptable	Agreeable	Agreeable
4. pH	IS 3025 (Part 11): 1984, RA 2012	--	7.13	6.5-8.5	No Relaxation
5. Total Hardness	IS 3025 (Part 21): 2009, RA 2014	mg./l	230.0	200.0	600.0
6. Calcium	IS 3025 (Part 40): 1991, RA 2014	mg./l	52.0	75.0	200.0
7. Magnesium	IS 3025 (Part 46): 1994, RA 2014	mg./l	24.0	30.0	100.0
8. Chloride	IS 3025 (Part 32): 1988, RA 2014	mg./l	9.99	250.0	1000.0
9. Iron	IS 3025 (Part 53): 2003, RA 2014	mg./l	0.62	1.0*	No Relaxation
10. Arsenic	IS 3025 (Part 37): 1988, RA 2014	mg./l	<0.01	0.01	No Relaxation*
11. Cadmium	IS 3025 (Part 41): 1992, RA 2014	mg./l	<0.002	0.003	No Relaxation
12. Total Chromium	IS 3025 (Part 52): 2003, RA 2014	mg./l	<0.02	0.05	No Relaxation
13. Copper	IS 3025 (Part 42): 1992, RA 2014	mg./l	<0.04	0.05	1.5
14. Cyanide	IS 3025 (Part 27): 1986, RA 2014	mg./l	<0.01	0.05	No Relaxation
15. Lead	IS 3025 (Part 47): 1994, RA 2014	mg./l	<0.005	0.01	No Relaxation
16. Mercury	IS 3025 (Part 48): 1994, RA 2009	mg./l	<0.001	0.001	No Relaxation
17. Nitrate	IS 3025 (Part 34): 1988, RA 2014	mg./l	3.50	45.0	No Relaxation
18. Total Dissolved Solids	IS 3025 (Part 16): 1984, RA 2014	mg./l	690.0	500.0	2000.0
19. Phenolic Compounds	IS 3025 (Part 43): 1992, RA 2014	mg./l	<0.001	0.001	0.002
20. Zinc	IS 3025 (Part 49): 1994, RA 2014	mg./l	0.80	5.0	15.0
21. Sulphate	IS 3025 (Part 24): 1986, RA 2014	mg./l	35.0	200.0	400.0
22. Turbidity	IS 3025 (Part 10): 1984, RA 2012	mg./l	1.10	1.0	5.0
23. Residual Free chlorine	IS 3025 (Part 26): 1986, RA 2014	mg./l	<0.1	0.2	1.0
24. Fluoride	IS 3025 (Part 60): 2008, RA 2013	mg./l	<0.1	1.0	1.5
25. Manganese	IS 3025 (Part 59): 2006, RA 2012	mg./l	<0.05	0.1	0.3
26. Total Alkalinity	IS 3025 (Part 23): 1986, RA 2014	mg./l	340.0	200.0	600.0
27. Aluminium	IS 15302: 2003, RA 2014	mg./l	<0.02	0.03	0.2
28. Boron	IS 13428: 2005, RA 2014, Annex H	mg./l	<0.1	0.5	1.0
29. Selenium	IS 15303 : 2003, RA 2014	mg./l	<0.01	0.01	No Relaxation
30. Mineral Oil	IS 3025 (Part 39) : 1991, RA 2014	mg./l	<0.01	0.5	No Relaxation

Remarks :The (\*) marked limit are as per IS:10500-2012 - Drinking Water Specification (Amendment No.1, June'2015).

Reviewed By :

(Durbadal Chakraborty)  
(Dy. Quality Manager)

Approved By :

(Indrani Chattacharyya)  
(Dy. Technical Manager)

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		Period of Analysis	: 10.11.2020 – 11.11.2020		
		Date of Issue	: 18.11.2020		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Drinking Water
Location	: TDU Tap	Report No.	: TC60142000000327F		

PARAMETERS		METHOD	UNIT	RESULTS	LIMIT (IS:10500-2012)
1.	Total Coliform	9222 B, APHA 23 <sup>rd</sup> Ed., 2017	CFU/100 ml.	<1.0	Shall not be detectable in any 100 ml. sample
2.	E. Coli	9222 I, APHA 23 <sup>rd</sup> Ed., 2017	CFU/100 ml.	<1.0	Shall not be detectable in any 100 ml. sample

Remarks : CFU indicates Colony Forming Unit.

Reviewed By :

(Durbadal Chakraborty)  
(Dy. Quality Manager)

Approved By :

(Priyanka Mukherjee)  
(Technical Manager, Microbiology)



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Location	: TDU Tap	Report No.	: TC60142000000327F		

PARAMETERS	METHOD	UNIT	RESULTS	LIMIT (IS:10500-2012)
1. Algae	--	No./ml.	Absent	--
2. Zooplankton	--	No./ml.	Absent	--

Reviewed By :

(Durbadal Chakraborty)  
(Dy. Quality Manager)

Approved By :

(Priyanka Mukherjee)  
(Technical Manager, Microbiology)

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Location	: D. M. Plant	Report No.	: TC60142000000328F		

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