



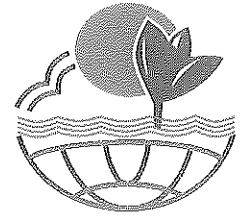
# KADAM ENVIRONMENTAL CONSULTANTS

An ISO 9001-2015 Certified Company

(MoEF Approved)

871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10.

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Certificate No.: TC-7099

## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - EFFLUENT

DOC. NO.: LAB-FMT-050	Issue No.: 02	Revision No.: 00
Effective Date: 01-01-2015	Issue Date: 01-01-2015	Revision Date: 01-01-2015

### REPORT NO.: SEP19/007/11 (ULR- TC709919000012720P)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. INEOS Styrolution India Limited, Halol-Kalol Road, KATOL, Tal: Kalol Dist. – Panchmahals -389 330.		
2.	Sample ID: 1837838246-007SE19EF02	3.	Client Representative : Mr.Rajendra Chakraborty
4.	Sample Date: 03.09.2019	5.	Sample Collected By: Mr.Javed Haveliwala
6.	Analysis commenced on: 05.09.2019	7.	Analysis Completed on: 19.09.2019
8.	Reporting Date: 21.09.2019	9.	Test Requirement: effluent Analysis
10.	Packing Condition & Quantity: Sealed	11.	Sample Category: Grab
12.	Sampling Location: Treated Waste Water	13.	ETP / STP Status: Working

#### TEST RESULTS

S.No.	Parameters	Unit (SI)	Results	Specification / SPCB Norms / BIS Standards	Method Used
1.	pH	:	7.49	6.5 – 8.5	APHA: (4500-H <sup>+</sup> B) 23 <sup>rd</sup> Edition
2.	Temperature	°C	30	40	APHA: (2550 B) 23 <sup>rd</sup> Edition
3.	Colour	Pt-CO	25	100	APHA: (2120 B) 23 <sup>rd</sup> Edition
4.	Total Dissolved Solids	mg/L	938	2100	APHA: (2540 C) 23 <sup>rd</sup> Edition
5.	Suspended Solids	mg/L	34	100	APHA: (2540 C) 23 <sup>rd</sup> Edition
6.	COD	mg/L	83	100	APHA: (5220 B) 23 <sup>rd</sup> Edition
7.	BOD (3 days at 27 °C)	mg/L	25	30	IS : 3025 (Part 44)
8.	Oil & Grease	mg/L	<1	10	APHA: (5520 B) 23 <sup>rd</sup> Edition
9.	Phenolic Compounds	mg/L	<0.02	1	APHA: (5530 D) 23 <sup>rd</sup> Edition
10.	Ammonical Nitrogen	mg/L	3.91	50	IS 3025 (PP 34)
11.*	Cyanide	mg/L	<0.05	0.2	APHA: (4500 CN E) 23 <sup>rd</sup> Edition
12.	Chlorides	mg/L	161	600	APHA: (4500 Cl B) 23 <sup>rd</sup> Edition
13.	Sulphates	mg/L	241	1000	APHA: (4500 SO <sup>4</sup> E) 23 <sup>rd</sup> Edition
14.	Sulphide	mg/L	<0.2	0.5	APHA: (4500 SO <sup>2</sup> E) 23 <sup>rd</sup> Edition
15.	Hexavalent Chromium	mg/L	<0.02	0.1	APHA: (3500 Cr-B) 23 <sup>rd</sup> Edition
16.	Total Chromium	mg/L	<0.02	2.0	APHA: (3500 Cr-B) 23 <sup>rd</sup> Edition
17.	Fluoride	mg/L	1.10	1.5	APHA: (4500 F D) 23 <sup>rd</sup> Edition
18.	Arsenic	mg/L	<0.01	0.2	APHA: (3500 As – B) 23 <sup>rd</sup> Edition
19.*	Pesticides	-	Absent	Absent	Gas Chromatography
20.	SAR	:	2.67	26	Flamephotometric & EDTA Method
21.	Copper	mg/L	<0.03	2	APHA: (3500 Cu A) 23 <sup>rd</sup> Edition
22.	Total Residual Chlorine	mg/L	<0.1	1	APHA: (4500 Cl B1) 23 <sup>rd</sup> Edition
23.	Bio-Assay Test	%	Pass	90 % survival of fish after 96 hours in 100% effluent	IS 6582 Part-2, 2001

Remark : "\*" Parameters are not Covered under the scope of NABL.

Authorized By - *ASD*

Name : Ashal Patel

Designation : Sr.Chemist

- NOTE:
- 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
  - 2) Re analysis of sample will be done, if requested within 15 days from the date of Reporting of sample if the samples are not consumed during analysis.
  - 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----