


**TEST REPORT**

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1.	Test Report No.	: ERL/2023-24/3000034111B	17/01/2024
2.	SO No.	: 3000034111	
3.	Customer's Name	: M/s. AST ENVIRONMENT SOLUTIONS PRIVATE LIMITED	
4.	Customer's Address	: G.I.D.C, 299-300, MAKARPURA VADODARA, VADODARA VADODARA-390010 State code: 24 Gujarat	
5.	Letter reference and date	: E-mail reference dt 02/01/2024	
6.	Kind Attention	: Mr. Hemang Maniar Plant Head	
7.	Service requirements	: Testing of Diesel Exhaust Fluid Sample as per IS 17042 Part 2:2020/ ISO 22241-2:2019	
8.	No. of Samples	: 01	
9.	No. of pages	: 02	
10.	Test Report Prepared By	:	 Dr. YAMINI PATIL DEPUTY MANAGER
11.	Test Report Verified & Approved By	:	M. A. BAWASE GENERAL MANAGER
<b>Place of Issue: PUNE</b>		<b>DISCLAIMER:</b>	<b>Date of Issue: 17/01/2024</b>
<p>This test report pertains only to the components / parts / assemblies / vehicles etc. actually tested at ARAI in the presented condition based on the documents / information produced / submitted by the customer. The issuance of this test report alone does not indicate any measure of approval, certification, supervision, control of quality surveillance by ARAI of the product. No extract, abridgement or abstraction from this test report shall be published or used to advertise the product without the written consent of the Director, ARAI, who reserves the absolute right to agree or reject all or any of the details of any items of publicity for which consent may be sought. ARAI is in no way responsible for any misuse of copying of any design / type / system in connection with entire vehicle / components / parts and assemblies. Breach of any statutory provision of Indian laws or laws of other countries, will be the sole responsibility of the customer and ARAI shall not be liable for any claims or damages, made by the party, whatsoever, the customer shall alone be liable for the same, and undertakes to indemnify ARAI in this regard. Further, the ARAI has the right to initiate cancellation / withdrawal of the certificate issued, in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of ARAI. <b>The appropriate local courts at Pune shall have the jurisdiction in respect of any dispute, claim or liability arising out of this report.</b></p> <p>ARAI will preserve the tested samples for a period of ONE month from the date of issue of the test report. Queries, if any, regarding the sample or the test report, will be entertained / attended to in this stipulated period of ONE month only. Further, all the related test standards, drawings supplied by customer, letters, e mails etc. exchanged with respect to this test work will be preserved in our custody for a span of only THREE years from the date of the test report</p>			

## TEST REPORT

Customer's Name : M/s. AST ENVIRONMENT SOLUTIONS PRIVATE LIMITED  
Service requirement : Testing of Diesel Exhaust Fluid Sample  
Sample Received date : 05/02/2024  
Condition of sample : Sample received in good condition  
Sampling : Sampling done by customer  
Duration of testing : 12/01/2024 to 16/01/2024

### 1.0 Sample details as submitted by customer:

Sample Name : AST Env  
Lot No : -  
Batch No. : -  
Date sampled : 04/01/2024  
Other information : -

### 2.0 TEST RESULTS

Observation Table 1: IS 17042 Part 2:2020/ ISO 22241-2:2019

Sr. No.	Characteristics	Test methods IS 17042 Part 2:2020/ ISO 22241-2:2019	Unit	Limits as per IS 17042 Part 2:2020/ ISO 22241-2:2019		Date of Testing	Test result
				Min.	Max.		
1.	Aluminium*	Annex I	mg/kg	---	0.5	12/01/2024- 16/01/2024	< 0.1
2.	Calcium*		mg/kg	---	0.5		0.1
3.	Chromium*		mg/kg	---	0.2		< 0.1
4.	Copper*		mg/kg	---	0.2		< 0.1
5.	Iron*		mg/kg	---	0.5		< 0.1
6.	Potassium*		mg/kg	---	0.5		< 0.1
7.	Magnesium*		mg/kg	---	0.5		< 0.1
8.	Sodium*		mg/kg	---	0.5		< 0.1
9.	Nickel*		mg/kg	---	0.2		< 0.1
10.	Zinc*		mg/kg	---	0.2		< 0.1
11.	Phosphorous*		mg/kg	--	--		< 0.1

Note: Test marked with \* are outsourced

Test Report Prepared By



Dr. YAMINI PATIL  
DEPUTY MANAGER

Test Report Verified & Approved By

M. A. BAWASE  
GENERAL MANAGER