


TEST REPORT

CUSTOMER INFORMATION		REPORT INFORMATION	
Royal Blue Chemical FLAT NO 302, ROHINI TOWER, ANTRIKSH RESIDENCY, NEAR SATYAM TOWNSHIP, NEAR GNFC TOWNSHIP, Bharuch, 392011 Gujarat, India		ULR No. : TC769524100010008F Report No. : R01-241000231.001A Report Date : 16/10/2024 Sample No. : S01-241000231.001 Date Started : 10/10/2024 Date Ended : 16/10/2024 Test Discipline : Chemical Tested At : Parvati Lab	 Authenticity check QR code
Kind Attn. : Ruchir Shah			
Customer Reference : --			
Customer Reference : --			
Date			


SAMPLE DETAILS			
Product Group : Diesel Exhaust Fluid	Product : Ad Blue		
Product Subgroup : NOx Reduction Agent			

SAMPLE DETAILS (As received from customer)			
Sample Condition : Properly Packed and Labelled	Date Received : 10/10/2024		
Sample Quantity : 1.0 ltr x 2 Nos.	Date Registered : 10/10/2024		
Sample Description : Barcode:100000835811, Sample Code:10456788/2024/SS/1, Encoded Sample Code:24C6434, Location: Bharuch (Surat)			

Sr. No.	TEST DESCRIPTION		RESULT	LIMITS	TEST METHOD
REQUIREMENTS AS PER STANDARD IS 17042 (PART 1) SPECIFICATIONS FOR DEF					
1.	Urea Content	% by Wt.	32.4	31.8 - 33.2	ISO-22241-2-2019-Annex. C
2.	Refractive Index	-	1.3830	1.3814 - 1.3843	ISO-22241-2-2019-Annex C
3.	Alkalinity as NH3	% by Wt.	<0.01	Max 0.2	ISO-22241-2-2019-Annex D
4.	Biuret Content	% by Wt.	0.28	Max 0.3	ISO-22241-2-2019-Annex. E
5.	Aldehyde Content	mg/kg	<0.5	Max 5	ISO-22241-2-2019-Annex. F
6.	Insoluble Matter	mg/kg	5.0	Max 20	ISO-22241-2-2019-Annex G
7.	Phosphate	mg/kg	0.18	Max 0.5	ISO-22241-2-2019-Annex. I
8.	Trace Elements by ICP-OES	--	--	--	ISO-22241-2-2019-Annex I
	Aluminium Content	mg/kg	< 0.1	Max 0.5	
	Calcium Content	mg/kg	< 0.1	Max 0.5	
	Chromium Content	mg/kg	< 0.1	Max 0.2	
	Copper Content	mg/kg	< 0.1	Max 0.2	
	Iron Content	mg/kg	< 0.1	Max 0.5	
	Potassium Content	mg/kg	< 0.1	Max 0.5	
	Magnesium Content	mg/kg	< 0.1	Max 0.5	
	Sodium Content	mg/kg	< 0.1	Max 0.5	
	Nickel Content	mg/kg	< 0.1	Max 0.2	
	Zinc Content	mg/kg	< 0.1	Max 0.2	
	Phosphorous Content	mg/kg	< 0.1	--	

Remarks: Sample meets the requirement of DEF as per standard IS 17042 (Part 1) specifications for all tested parameters.

TEST REPORT

CUSTOMER INFORMATION	REPORT INFORMATION	
Royal Blue Chemical FLAT NO 302, ROHINI TOWER, ANTRIKSH RESIDENCY, NEAR SATYAM TOWNSHIP, NEAR GNFC TOWNSHIP, Bharuch, 392011 Gujarat, India	ULR No. : TC769524100010008F Report No. : R01-241000231.001A Report Date : 16/10/2024 Sample No. : S01-241000231.001 Date Started : 10/10/2024 Date Ended : 16/10/2024 Test Discipline : Chemical Tested At : Parvati Lab	 Authenticity check QR code
Kind Attn. : Ruchir Shah Customer Reference : -- Customer Reference : -- Date		



Authorised By:



Smita Subandh
Laboratory Manager
Discipline: Chemical

Terms & Conditions:

1. Sampling is done by the customer. The test result pertains to the sample received for testing without prejudice to its lot, batches, source, or process.
2. Comments given in the report are advisory only & shall not be used in case of legal matters. Test Reports shall not be reproduced without the written consent of Chem-Tech Laboratories.
3. Sample will be retained for 30 days from the date of issue of test report unless otherwise specified.