



Excellence in Transport

Central Institute of Road Transport

(A unit of the Association of State Road Transport Undertakings)

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TEST REPORT

- This Test Report is in respect of the item/material actually tested
- This Test Report or the information given therein is not to be quoted / reproduced in full or part, and not to be used for publicity or advertisement purpose
- The Institute does not take any responsibility for preserving the sample for more than 3 months from the date of issue of Test Report.
- All disputes of any nature related to this Test Report shall lie within the jurisdiction of the courts at Pune only.

15 SEP 2026

Our Ref No.: ED/26-27/2699915100/AB0972

To

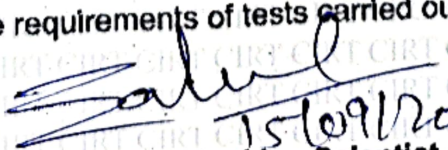
**DIRECTOR(Technical)
ASSOCIATION OF SRT UNDERTAKINGS
PLOT NO.4A, PSP BLOCK, POCKET-14
SECTOR-8, DWARKA
NEW DELHI 110077**

1. Item Nomenclature and Part No.	NOX Reduction Urea Aqueous Solution for Diesel Engine Buses(AUS32)
2. Customer's Nomenclature of item (if different)	
3. Sample Regn. No. / Code No.	D07012 / 2699915100
4. No. / Quantity of Sample	05 LTRS
5. Sample Supplied by and Reference No.	DIRECTOR(Technical),ASRTU,NEW DELHI ASRTU/TEST/F(35)/470/275/M27/VDRS/2312 Dtd 31/07/2026
6. Name of Manufacture Marking on the sample	MODULX COMPOSITE & CASTING PVT. LTD. NO MARKING (ON PLASTIC CAN)
7. Customer's Code No./ S.T.O.	C6056
8. Date of receipt of sample	27/08/2026
9. Test Charges Receipt / Technical Clearance Date	27/08/2026
10. Specifications	ISO:22241:Part-1:2019 (E)

Assessment of Test Results

Approved

The sample meets the requirements of tests carried out and is acceptable.


15/09/2026

Encl :

1) Annexure "A"

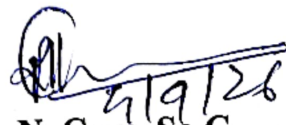
2) Bill No. 26-27/J1607

Mr. S.B. Salunkhe, Scientist C

Head-Automotive Testing Division (ATD)

TEST REPORT		ANNEXURE "A"
AUTOMOTIVE TESTING DIVISION		CIRT
FORM NO: ATD: TP::FM03		
ITEM: NOX REDUCTION UREA AQUEOUS SOLUTION FOR DIESEL ENGINE BUSES (AUS 32)		
SAMPLE NO: 2699915100	SPECIFICATION: -ISO:22241 Part-1:2019(E)	PAGE 1 OF 2

Sr. No.	Nature of test	Results		Remarks
		Specified	Actual	
1.0	Appearance	Clear and Colorless	Conforms	For Record Only
2.0	Smell	No or slightly ammonia	Conforms	For Record Only
3.0	% Urea Content by Weight	31.8 to 33.2	32.1	Meets the Specification
4.0	Alkalinity as NH ₃ % by weight, Max	0.2	0.01	Meets the Specification
5.0	Biuret %, Max	0.3	0.29	Meets the Specification
6.0	Insoluble, mg/Kg, Max	20	4.0	Meets the Specification
7.0	Aldehyde Content mg/Kg, Max	5	Less than 0.5	Meets the Specification
8.0	Phosphate (PO ₄), mg/Kg, Max	0.5	Less than 0.1	Meets the Specification


R. N. Gore, Sc-C
Scientist – Petroleum Lab

TEST REPORT		CIRT
SAMPLE NO: 2699915100	SPECIFICATION: ISO:22241 Part-1:2019 (E)	PAGE 2 OF 2

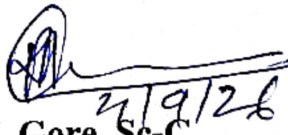
Sr. No.	Nature of test	Results		Remarks
		Specified	Actual	

9.0	Elemental Analysis			
	Aluminum. Mg/Kg, max	0.5	Less than 0.10	Meets the specification
	Calcium, mg/Kg, Max	0.5	0.3	Meets the specification
	Iron, mg/Kg, max	0.5	Less than 0.10	Meets the Specification
	Copper mg/Kg, max	0.2	Less than 0.10	Meets the specification
	Zinc, mg/Kg, max	0.2	Less than 0.10	Meets the Specification
	Chromium. Mg/Kg, max	0.2	Less than 0.10	Meets the specification
	Nickel, mg/Kg, max	0.2	Less than 0.10	Meets the specification
	Magnesium, mg/Kg, max	0.5	Less than 0.10	Meets the specification
	Potassium, mg/Kg, max	0.5	Less than 0.10	Meets the specification
	Sodium, mg/Kg, max	0.5	Less than 0.10	Meets the specification
10.0	Refractive Index at 20°C	1.3814 to 1.3843	1.3825	Meets the specification
11.0	Density at 20°C, Kg/m ³	--	1088	For Record Only
12.0	FTIR analysis for Identity	Identical to Reference	Conforms	For Record Only
13.0	Marking	May be marked	NOT MARKED (on plastic can)	For Record Only

REMARK

GRADE "A"

The sample meets the requirements of tests carried out and is acceptable.


 R. N. Gore, Sc-C
 Scientist – Petroleum Lab