CLU GmbH - Chemisches Labor für Umweltanalytik Halle (Saale)

CLU GmbH I Reideburger Straße 65/6 I 06116 Halle (Saale)

Verband der Automobilindustrie e.V. Qualitäts Management Center
Behrenstraße 35
10117 Berlin

Test Report B2025.00401

Order A250177	**Sample 25-00718**	**Dates of Performance**	23.10.2025 - 24.10.2025
Identification			
Producer: Pureblue Automotive Solutions Pvt Ltd, India Batch: M3#1478#09/25			
Date of Receipt	23.10.2025	**Material/Item**	AdBlue
Sampler	Client	**Date of Sampling**	
Point of Sampling	unknown		
Test Order	Analysis according to ISO 22241-1:2019		

Quality Characteristics according to ISO 22241-1:2019 Table 1						
Parameter	**Result**	**Uncer-tainty**	**Unit**	**min.**	**max.**	**Method**
Appearance [NA]	colourless					DIN EN ISO 7887:2012-04, A
Turbidity [NA]	clear					DIN EN ISO 7027:2000-04
Urea content	32.3	0.1	% (m/m)	31,8	33,2	ISO 22241-2:2019-02 Anh. C
Density (20 °C)	1090.0	0.5	kg/m³	1087	1093	DIN EN ISO 12185:2024-06
Refractive index (nD20)	1.3828	0.0003	% (m/m)	1,3814	1,3843	ISO 22241-2:2019-02 Anh. C
Alkalinity (as NH_3)	< 0.05		% (m/m)		0,2	ISO 22241-2:2019-02 Anh. D
Biuret content	0.27	< 0.1	% (m/m)		0,3	ISO 22241-2:2019-02 Anh. E
Aldehyde content	< 0.5		mg/kg		5	ISO 22241-2:2019-02 Anh. F
Insoluble matter	< 10		mg/kg		20	ISO 22241-2:2019-02 Anh. G
Phosphate content	< 0.1		mg/kg		0,5	ISO 22241-2:2019-02 Anh. I
Aluminum	< 0.05		mg/kg		0,5	ISO 22241-2:2019-02 Anh. I
Calcium	< 0.05		mg/kg		0,5	ISO 22241-2:2019-02 Anh. I
Chromium	< 0.05		mg/kg		0,2	ISO 22241-2:2019-02 Anh. I
Copper	< 0.05		mg/kg		0,2	ISO 22241-2:2019-02 Anh. I
Iron	< 0.05		mg/kg		0,5	ISO 22241-2:2019-02 Anh. I
Potassium	< 0.2		mg/kg		0,5	ISO 22241-2:2019-02 Anh. I
Magnesium	< 0.05		mg/kg		0,5	ISO 22241-2:2019-02 Anh. I
Sodium	< 0.1		mg/kg		0,5	ISO 22241-2:2019-02 Anh. I
Nickel	< 0.05		mg/kg		0,2	ISO 22241-2:2019-02 Anh. I
Zinc	< 0.05		mg/kg		0,2	ISO 22241-2:2019-02 Anh. I
Identity (IR spectrum) [A]	Yes					ISO 22241-2:2019-02 Anh. J

NA ... not accredited
A ... see appendix

Remark:
The sample meets the specifications of the ISO 22241-1:2019.
The measurement uncertainty was not taken into account in the evaluation

Authorized by:

signed Elias Flachowsky

stellv. Laborleiter

Halle (Saale), 24.10.2025

The test results refer exclusively to the test objects available to the testing laboratory.
This test report may be used in its unaltered form without exception. Any changes, additions, or edits to the report are not permitted. The test results may not be published or used in excerpts in other cases without the approval of the testing laboratory. If the samples were not taken by the testing laboratory,

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responsibility for their correctness is not assumed.

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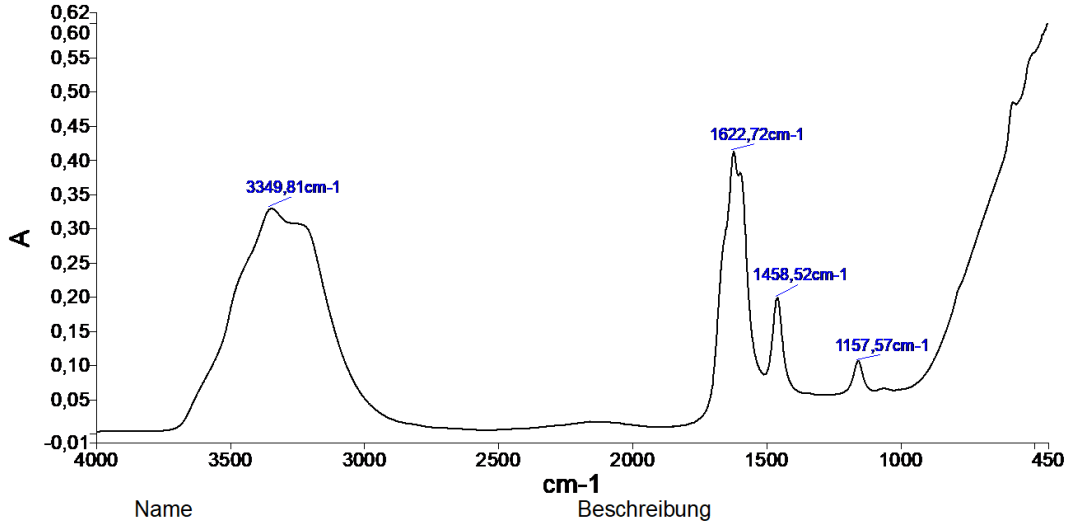
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Spectrum



Name	Beschreibung
25-00718	VDA, Producer: Pureblue Automotive Solutions Pvt Ltd, India Batch: M3#1478#09/25