

Certificate of Analysis

Product: Urea Crystalline Powder 99%

Item Number: URPA

Grade: ACS

Lot Number: 5001545/1.1

Manufacture Date: 09/02/2024

Expiration Date: 09/01/2027

Country of Origin: Ukraine

Tested Property	Specification	Analysis
Assay	99.0 - 100.5% NH ₂ CONH ₂	99.6%
Melting Point	132 - 135°C	132.5°C
Insoluble matter	Max 0.01%	0.008
Residue after ignition	Max 0.01%	0.008
Chloride (Cl)	Max 0.0005%	0.0005%
Sulfate (SO ₄)	Max 0.001%	0.001
Heavy metals (as Pb)	Max 0.001%	0.0008
Iron (Fe)	Max 0.001%	0.001
Appearance	Colorless crystals or white crystalline powder	Pass
Specific gravity	1.33 g/cm ³ at 20°C	Pass
Solubility in water	590 g/L at 20°C	Pass

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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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