

Certificate of Analysis**Product: Urea Crystalline Powder 99%, USP Grade****Item Number: URPU****CAS#: 57-13-6****Grade: USP****Lot Number: 5001336/1.2****Manufacture Date: 09/30/2024****Expiration Date: 09/29/2027****Country of Origin: Ukraine**

Tested Property	Specification	Analysis
Assay	99.0 - 100.5% NH ₂ CONH ₂	99.5
Melting Point	132 - 135°C	132.5°C
Insoluble matter	Max 0.04%	0.001
Residue after ignition	Max 0.01%	0.006
Chloride (Cl)	Max 5 ppm	5
Sulfate (SO ₄)	Max 0.001%	0.001
Heavy metals (as Pb)	Max 0.003%	<0.0003
Iron (Fe)	Max 0.001%	0.0001
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

[Urea Crystalline Powder 99%, USP Grade](#)

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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Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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