

Certificate of Analysis**Product: Urea Crystalline Powder 99%, USP Grade****Item Number: URPU****CAS#: 57-13-6****Grade: USP****Lot Number: 5002341/1.1****Manufacture Date: 12/30/2025****Expiration Date: 12/29/2028****Country of Origin: United States**

Tested Property	Specification	Analysis
Assay	98.0 - 102.0%	99.8
Melting Point	132.5 - 134.5°C	132.5°C
Alcohol-Insoluble matter	Max 0.04%	0.006
Residue after ignition	Max 0.01%	0.005
Sulfate	Max 0.001%	<0.0005
Chlorides	Max 0.0005%	<0.00025
Iron	Max 0.001%	<0.0001
Heavy metals	Max 0.0005%	<0.0002
Appearance	Colorless crystals or white crystalline powder	Pass
Specific gravity	1.33g/cm ³ at 20°C	Pass
Solubility in water	1000 g/l at 20°C	Pass
Organic impurities urea related	Max 0.1%	<0.1
Organic impurities individual	Max 0.1%	<0.1
Organic impurities total	Max 2.0%	<2.0
Identification by USP (A)	Passes Test	Pass
Identification by USP (B)	Passes Test	Pass

Store in cool, dry, well-ventilated environment.

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

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