

**Certificate of Analysis**

**Product: Urea Crystalline Powder 99%**

**Item Number: URPU**

**Grade: USP**

**Lot Number: 5001592/1.1**

**Manufacture Date: 08/02/2024**

**Expiration Date: 08/01/2027**

**Country of Origin: Ukraine**

Tested Property	Specification	Analysis
Assay	98.0 - 102.0%	99.7
Melting Point	132.5 - 134.5°C	132.5°C
Alcohol-Insoluble matter	Max 0.04%	0.01
Residue after ignition	Max 0.01%	0.008
Sulfate	Max 0.001%	0.001
Chlorides	Max 0.0005%	0.0005
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 <sup>3</sup> at 20°C	Pass
Solubility in water	590 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

Not for use as API/Drug.

[Urea Crystalline Powder 99%](#)

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