

### Certificate of Analysis

**Product: Urea Crystalline Powder 99%**

**Item Number: URPU**

**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 <sub>2</sub> CONH <sub>2</sub>	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 <sub>4</sub> )	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 <sup>3</sup> at 20°C	Pass
Solubility in water	590 g/L at 20°C	Pass

Not for use as API/Drug.

#### [Urea Crystalline Powder 99%](#)

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