



Certificate of Analysis

Product: Urea Crystalline Powder 99%
Item Number: URPA
Grade: ACS
Lot Number: 5000727/1.1
Manufacture Date: 02/27/2023
Expiration Date: 02/26/2026
Country of Origin: Ukraine

Tested Property	Specification	Analysis
Assay	99.0 - 100.5%	99.5
Melting Point	132 - 135Å°C	Pass
Insoluble matter	Max 0.008%	0.0021
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 (as Pb)	Max 0.001%	0.0002
Appearance	Colorless crystals or white crystalline powder	Pass
Specific gravity	1.33g/cm ³ at 20Å°C	Pass
Solubility in water	590 g/L at 20Å°C	Pass

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