

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-09 16:44:53
 Date of Next Testing: 2029-10-08 16:44:53
 Product Name: **Urea**
 CAS Number: 57-13-6
 Specifications & Purity: PharmPure™, USP, BP, Ph.Eur., ≥99%
 Lot #: I2525481
 SKU #: **U111903**
 Version: **1**
 Analysis #: **585640**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.1 (%)	0.00210 %
Iron(Fe)	0-0.5 (ppm)	0.00250 ppm
Chloride (Cl-)	0-10 (ppm)	2.00000 ppm
Loss on drying	0-1 (%)	0.90400 %
Insoluble in Ethanol	0-0.04 (%)	0.00301 %
Sulfate(SO42-)	0-50 (ppm)	18.00000 ppm
Melting point	132-135 (°C)	133.01400 °C
Heavy metal (as Pb)	0-0.001 (%)	0.00010 %
biuret(carbamylurea)	0-0.1 (%)	0.00017 %
Ammonia (NH4)	0-0.05 (%)	0.00060 %
Assay	99-100.5 (%)	99.99910 %
alkalic reac. substances,	complies	complies
Infrared spectrum	Conforms to Structure	Conforms to Structure
Residual solvents	complies	complies



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager