

Certificate of Analysis

Date of Testing: 2025-03-31 16:36:07

Date of Next Testing: 2029-03-30 16:36:07

Product Name: **Urea**

CAS Number: 57-13-6

Specifications & Purity: ACS, ≥99.5%(T)

Lot #: C2519488

SKU # **U111898**

Version **0**

Analysis #: **443370**

Parameter	Limit Values	Result
Chloride (Cl-)	0-5 (ppm)	0.00 ppm
Heavy metal (as Pb)	0-10 (ppm)	0.00 ppm
Insoluble matter in H2O	0-0.01 (%)	0.00 %
Purity(HPLC)	99.5-100 (%)	100.00000 %
Iron(Fe)	0-10 (ppm)	0.00 ppm
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Sulfate(SO42-)	0-10 (ppm)	0.00 ppm
Purity(Titration by HClO4)	99.5-100.5 (%)	99.51 %
Melting point	132-135 (°C)	134.95000 °C
Appearance (U111898)	white powder or solid	white powder or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager