

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-09 13:58:07

Date of Next Testing: 2027-09-29 13:58:07

Product Name: **Urea**

CAS Number: 57-13-6

Specifications & Purity: Suitable for molecular biology,UltraBio™,≥99.5%(T)

Lot #: I2523061

SKU # **U111902**

Version **2**

Analysis #: **433972**

Storage Temperature: Room temperature,Desiccated,Cool

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Purity (T)	99-100.5 (%)	99.36000 %
Copper(ICP)	0-1 (ppm)	0.00000 ppm
Chloride Content	0-5 (ppm)	0.00000 ppm
Lead(Pb)	0-2 (ppm)	0.00000 ppm
UV Absorbance 260nm(6 M solution)	≤ 0.06	0.01000
UV Absorbance 280nm(6 M Solution)	≤0.06	0.00600
Cyanate(OCN)	0-10 (ppm)	8.00000 ppm
Appearance (U111902)	White Powder or Crystals	White Powder or Crystals
Solubility (Turbidity) (100 mg/mL, H ₂ O) ,Clear Colorless	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
proteases	none detected	none detected
RNases	none detected	none detected
NICKase,Endonuclease Detection	none Detected	none detected
DNAse, Exonuclease Detection	None Detected	none detected



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager