

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-20 18:15:38
 Date of Next Testing: 2029-03-19 18:15:38
 Product Name: **Urea**
 CAS Number: 57-13-6
 Specifications & Purity: BioReagent,pH 7.5-9.5 (20 °C, 5 M in H2O)
 Lot #: C2619045
 SKU #: **U755712**
 Version: **1**
 Analysis #: **644140**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
PH(20 °C, 5 M in H2O)	7.5-9.5	8.67000
Chloride (Cl-)	0-0.05 (%)	0.00000 %
Sulfate(SO4)	0-0.05 (%)	0.00000 %
Aluminum(Al)	0-5 (ppm)	0.00000 ppm
Phosphorus (P)	0-0.005 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.00000 %
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Copper(Cu)	0-5 (ppm)	0.00000 ppm
Zinc(Zn)	0-5 (ppm)	0.00000 ppm
Calcium(Ca)	0-0.001 (%)	0.00000 %
Magnesium(Mg)	0-5 (ppm)	0.00000 ppm
Sodium(Na)	0-0.005 (%)	0.00060 %
Potassium(K)	0-0.005 (%)	0.00070 %
Residue on ignition(Ash)	0-0.1 (%)	0.00000 %
Insoluble matter	0-0.1 (%)	0.00000 %
UV Absorbance 280nm(6 M Solution)	0-0.06	0.02000
UV Absorbance 260nm(6 M solution)	0-0.06	0.02500
Assay	99-100.5 (%)	99.01000 %
Ammonia (NH4)	0-0.05 (%)	0.04500 %
Appearance(U755712)	White powder or crystals or pellets	White powder or crystals or pellets
Solubility(20 °C,5M in H2O),Colorless Clear	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager