

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-05 11:21:36
Date of Next Testing: 2028-12-04 11:21:36
Product Name: **Urea**
CAS Number: 57-13-6
Specifications & Purity: ACS, ≥99.5%(T)
Lot #: L2404220
SKU #: **U111898**
Version: **0**
Analysis #: **444871**

Parameter	Limit Values	Result
Melting point	132-135 (°C)	132.60000 °C
Chloride (Cl-)	0-5 (ppm)	0.50 ppm
Heavy metal (as Pb)	0-10 (ppm)	0.12 ppm
Insoluble matter in H ₂ O	0-0.01 (%)	0.00 %
Purity(HPLC)	99.5-100 (%)	100.00000 %
Iron(Fe)	0-10 (ppm)	0.67 ppm
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Purity(Titration by HClO ₄)	99.5-100.5 (%)	100.00 %
Sulfate(SO ₄ ²⁻)	0-10 (ppm)	4.60 ppm
Appearance (U111898)	white powder or solid	white powder or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager