

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-30 16:06:01  
Date of Next Testing: 2028-12-29 16:06:01  
Product Name: **Urea**  
CAS Number: 57-13-6  
Specifications & Purity: for electrophoresis,  $\geq 99.5\%$ (T)  
Lot #: L2419551  
SKU #: **U111901**  
Version: **0**  
Analysis #: **455784**

Parameter	Limit Values	Result
UV Absorbance 280nm (C= 5 M, H <sub>2</sub> O))	0-0.06	0.04
Purity (T)	99.5-100 (%)	100.00 %
UV Absorbance 260nm (C= 5 M, H <sub>2</sub> O))	0-0.06	0.05
lead by ICP-atomic emission	0-5 (ppm)	2.10 ppm
specific ion electrode test	0-0.005 (%)	0.00 %
Iron(Fe)	0-1 (ppm)	0.19 ppm
Electrophoresis test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager