

## Certificate of Analysis

Date of Testing: 2023-06-19 16:43:59  
Date of Next Testing: 2027-06-18 16:43:59  
Product Name: **Urea**  
CAS Number: 57-13-6  
Specifications & Purity: for electrophoresis, ≥99.5% (T)  
Lot #: F23081003  
SKU #: **U111901**  
Analysis: **243133**

Parameter	Limit Values	Result
UV Absorbance 280nm (C= 5 M, H2O))	0-0.06	0.02
Purity (T)	99.5-100 (%)	100.00 %
UV Absorbance 260nm (C= 5 M, H2O))	0-0.06	0.02
lead by ICP-atomic emission	0-5 (ppm)	3.55 ppm
specific ion electrode test	0-0.005 (%)	0.00 %
Iron(Fe)	0-1 (ppm)	0.50 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