

Certificate of Analysis

Date of Testing: 2024-12-30 16:24:13
Date of Next Testing: 2028-12-29 16:24:13
Product Name: **Urea**
CAS Number: 57-13-6
Specifications & Purity: for electrophoresis, ≥99.5%(T)
Lot #: L2419515
SKU #: **U111901**
Version: **0**
Analysis #: **455784**

Parameter	Limit Values	Result
UV Absorbance 280nm (C= 5 M, H ₂ O))	0-0.06	0.04
Purity (T)	99.5-100 (%)	100.00 %
UV Absorbance 260nm (C= 5 M, H ₂ 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