

Certificate of Analysis

Date of Testing: 2022-07-20 17:01:22
Date of Next Testing: 2026-07-19 17:01:22
Product Name: **Urea**
CAS Number: 57-13-6
Specifications & Purity: for electrophoresis, ≥99.5% (T)
Lot #: G2214625
SKU #: **U111901**
Analysis: **116286**

Parameter	Limit Values	Result
UV Absorbance 280nm (C= 5 M, H2O))	0-0.06	0.06
Purity (T)	99.5-100 (%)	99.76 %
UV Absorbance 260nm (C= 5 M, H2O))	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)	0.46 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