

## Certificate of Analysis

Date of Testing: 2024-10-11 14:02:27  
Date of Next Testing: 2028-10-10 14:02:27  
Product Name: **Urea**  
CAS Number: 57-13-6  
Specifications & Purity: Moligand™, AR, ≥99%  
Lot #: J2408551  
SKU #: **U111897**  
Version: **1**  
Analysis #: **417840**

Parameter	Limit Values	Result
Ammonia (NH <sub>3</sub> )	0-0.005 (%)	0.00 %
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00 %
Blured(C <sub>2</sub> H <sub>5</sub> N <sub>3</sub> O <sub>2</sub> )	0-0.2 (%)	0.10 %
Chloride (Cl <sup>-</sup> )	0-0.002 (%)	0.00 %
Heavy metal (as Pb)	0-0.0002 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.02 (%)	0.01 %
Assay(as N)	99-100 (%)	100.00 %
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager