

Certificate of Analysis

Date of Testing: 2023-08-15 17:19:49

Date of Next Testing: 2027-08-14 17:19:49

Product Name: **Urea**

CAS Number: 57-13-6

Specifications & Purity: $\geq 99.5\%$

Lot #: H2314332

SKU #: **U141075****Analysis: 215713**

Parameter	Limit Values	Result
Melting point	132-135 (°C)	134.62000 °C
Water by Karl Fischer	0-1 (%)	0.35 %
Purity(HPLC)	99.5-100 (%)	99.81600 %
Biuret	0-0.3 (%)	0.21 %
Appearance (U141075)	Colorless or White Crystals ,Powder and/or Chunks	Colorless or White Crystals ,Powder and/or Chunks
Solubility in H2O , Colorless,Clear,8 M	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager