

## Certificate of Analysis

Date of Testing: 2023-02-28 14:44:45  
Date of Next Testing: 2027-02-27 14:44:45  
Product Name: **Aminourea hydrochloride**  
CAS Number: 563-41-7  
Specifications & Purity: 99%  
Lot #: B2322248  
SKU #: **A105056**  
Analysis: **192147**

Parameter	Limit Values	Result
Melting point	170-178 (°C)	173.89000 °C
Purity(HPLC)	99-100 (%)	99.47400 %
Purity(Bromination Method)	98.5-101.5 (%)	99.99 %
Appearance (A105056)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless Clear(c = 10%)	pass	Pass



John Su  
QA & QC Manager