

Certificate of Analysis

Date of Testing: 2025-05-15 10:52:05
Date of Next Testing: 2027-05-15 10:52:05
Product Name: **2-Hydroxyethylurea**
CAS Number: 2078-71-9
Specifications & Purity: $\geq 98\%$
Lot #: G2320071
SKU #: **H136122**
Version: **0**
Analysis #: **509029**

Parameter	Limit Values	Result
Melting point	91-95 (°C)	93.70000 °C
Carbon by Elemental Analysis	33.4-35.1 (%)	33.40 %
Purity(HPLC)	98-100 (%)	99.80000 %
Nitrogen by Elemental Analysis	25.9-27.4 (%)	26.50 %
Appearance (H136122)	white to off-white powder,crystals,flakes or chunk	white to off-white powder,crystals,flakes or chunk
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless to yellow clear solution (50 mg / mL)	pass	Pass



John Su
QA & QC Manager