

Certificate of Analysis

Date of Testing: 2025-06-11 16:20:13
Date of Next Testing: 2027-06-11 16:20:13
Product Name: **2-Hydroxyethylurea**
CAS Number: 2078-71-9
Specifications & Purity: $\geq 98\%$
Lot #: K2119087
SKU #: **H136122**
Version: **0**
Analysis #: **522749**

Parameter	Limit Values	Result
Melting point	91-95 (°C)	93.65800 °C
Carbon by Elemental Analysis	33.4-35.1 (%)	34.50 %
Purity(HPLC)	98-100 (%)	98.02480 %
Nitrogen by Elemental Analysis	25.9-27.4 (%)	26.41 %
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 H ₂ O , Colorless to yellow clear solution (50 mg / mL)	pass	Pass



John Su
QA & QC Manager