

Certificate of Analysis

Date of Testing: 2024-09-11 09:55:06

Date of Next Testing: 2026-09-11 09:55:06

Product Name: **2-Hydroxyethylurea**

CAS Number: 2078-71-9

Specifications & Purity: 98%

Lot #: E1521021

SKU #: H136122

Version: 0

Analysis #: 409700

Parameter	Limit Values	Result
Melting point	91-95 (°C)	93.90000 °C
Carbon by Elemental Analysis	33.4-35.1 (%)	34.50 %
Purity(HPLC)	98-100 (%)	99.50000 %
Nitrogen by Elemental Analysis	25.9-27.4 (%)	27.10 %
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