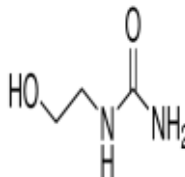


Certificate of Analysis

Product Name:
(2-Hydroxyethyl)urea - 95%

Product Number: 554693
Batch Number: MKCQ1686
Brand: ALDRICH
CAS Number: 2078-71-9
MDL Number: MFCD00059080
Formula: C₃H₈N₂O₂
Formula Weight: 104.11 g/mol
Quality Release Date: 11 SEP 2021



Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Conforms to Requirements	Powder
Powder, Crystals, Crystalline Powder and/or Chunks		
Infrared Spectrum	Conforms to Structure	Conforms
Carbon Content	32.5 - 36.7 %	33.8 %
Nitrogen Content	25.3 - 28.5 %	26.3 %
TLC	Consistent	Consistent
Consistent with 95% Purity		
Solubility (Turbidity)	Clear	Clear
50mg/ml, H ₂ O		
Solubility (Color)	Colorless to Yellow	Colorless



Larry Coers, Director
Quality Control
Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

