

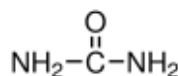
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Urea - for electrophoresis

Product Number: U6504
CAS Number: 57-13-6
MDL: MFCD00008022
Formula: CH₄N₂O
Formula Weight: 60.06 g/mol



TEST	Specification
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
100 mg/mL, H ₂ O	
Iron (Fe)	≤ 5 ppm
Purity	≥ 98 %
Appearance (Color)	Colorless or White
Appearance (Form)	Powder or Crystals
Ammonia (NH ₃)	≤ 0.005 %
By SIE	
UV Absorbance 260nm	≤ 0.06
C = 5 M, H ₂ O	
UV Absorbance 280nm	≤ 0.06
C = 5 M, H ₂ O	
Lead (Pb)	≤ 5 ppm
Suitability	Suitable
Suitable for Electrophoresis	

Specification: PRD.3.ZQ5.10000026760

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.