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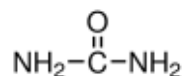
Email USA: techserv@sial.com

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Product Specification

Product Name:
Urea - ACS reagent, 99.0-100.5%

Product Number: U5128
CAS Number: 57-13-6
MDL: MFCD00008022
Formula: CH4N2O
Formula Weight: 60,06 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Pellets
Titration by HClO4	99.0 - 100.5 %
Initial Melting Point	≥ 132 °C
Final Melting Point	≤ 135 °C
Insoluble matter	≤ 0.01 %
Residue on ignition (Ash)	≤ 0.01 %
Chloride (Cl)	< = 5 ppm
Sulfate (SO4) < = 0.001%	Conforms
Heavy Metals (as Lead)	< = 0.001%
Iron (Fe)	≤ 0.001 %
Recommended Retest Period 5 years	-----
Note ACS tests	-----

Specification: PRD.2.ZQ5.10000040124

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.