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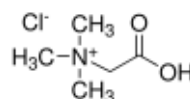
Email USA: techserv@sial.com

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Product Specification

Product Name:
Betaine hydrochloride - ≥99%

Product Number: B3501
CAS Number: 590-46-5
MDL: MFCD00011903
Formula: C₅H₁₂ClNO₂
Formula Weight: 153.61 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Water Content	≤ 0.5 %
pH	0.8 - 1.2
Residue on ignition (Ash)	≤ 0.1 %
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
50 mg/mL, H ₂ O	
Arsenic (As)	Pass
< = 2 ppm	
Lead (Pb)	Pass
< = 10 ppm	
Titration with HClO ₄	≥ 99 %
Recommended Retest Period	-----
5 Years	

Specification: PRD.2.ZQ5.10000034621

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.