

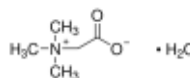
3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Betaine monohydrate - ≥99.0% (NT)

Product Number: **14300**
 CAS Number: 590-47-6
 MDL: MFCD00150010
 Formula: C₅H₁₁NO₂ · H₂O
 Formula Weight: 135.16 g/mol
 Storage Temperature: 2 - 8 °C



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Powder or Crystals
Infrared Spectrum	Conforms to Structure
Purity (Titration by HCL04)	99.0 - 101.0 %
Water (by Karl Fischer)	10.0 - 16.0 %
Solubility (Turbidity)	Clear
1g/10ml, H ₂ O	
Solubility (Color)	Colorless
Purity (TLC)	≥ 99.0 %
Recommended Retest Period	-----
2 Years	

Specification: PRD.2.ZQ5.10000057928

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.

