

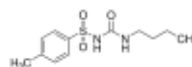
3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Tolbutamide - analytical standard

Product Number: **T0891**
CAS Number: 64-77-7
MDL: MFCD00027169
Formula: C₁₂H₁₈N₂O₃S
Formula Weight: 270.35 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
50 mg/mL, EtOH	
Infrared spectrum	Conforms to Structure
pH	4.5 - 5.5
Loss on Drying	≤ 0.5 %
Heavy Metal	≤ 20 ppm
Initial Melting Point	≥ 126.0 °C
Final Melting Point	≤ 130.0 °C
Assay	97.0 - 103.0 %
Sulfated Ash	≤ 0.1 %

Specification: PRD.1.ZQ5.10000020332

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.