

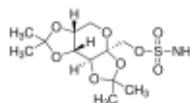
3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Topiramate - $\geq 98\%$ (HPLC), solid

Product Number: T0575
CAS Number: 97240-79-4
MDL: MFCD00865320
Formula: C₁₂H₂₁NO₈S
Formula Weight: 339.36 g/mol
Storage Temperature: 2 - 8 °C



TEST

Specification

Appearance (Color)	White
Appearance (Form)	Powder or Solid
Solubility (Color)	Colorless to Very Faint Yellow
Solubility (Turbidity)	Clear
40 mg/mL, DMSO	
Proton NMR spectrum	Conforms to Structure
¹³ C NMR Spectrum	Conforms to Structure
Carbon	41.6 - 43.3 %
Nitrogen	4.0 - 4.2 %
Specific Rotation	-38.2 - -19.8 °
(c = 0.4, MeOH at 20 deg C)	
Purity (HPLC)	$\geq 98\%$

Specification: PRD.2.ZQ5.10000009675

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.