

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-08 11:58:37
 Date of Next Testing: 2026-07-07 11:58:37
 Product Name: **Topiramate**
 CAS Number: 97240-79-4
 Specifications & Purity: 98%
 Lot #: 11415100
 SKU #: **T115813**
Analysis: **110323**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	124-128 (°C)	126.80000 °C
Purity(HPLC)	98-100 (%)	98.22000 %
Purity(Neutralization titration)	97.5-102.5 (%)	98.32 %
Specific Rotation [α] ₂₀ /D(c=1 in MeOH)	-33--29 (°)	-31.80 °
Appearance (T115813)	white powder or solid	white powder or solid
¹³ C NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMSO , Colorless to Very Faint Yellow, Clear,40 mg/mL	Conforms	Conforms



John Su
QA & QC Manager