

Certificate of Analysis

Date of Testing: 2025-01-16 19:12:55

Date of Next Testing: 2029-01-15 19:12:55

Product Name: **Topiramate**

CAS Number: 97240-79-4

Specifications & Purity: Moligand™, ≥98%

Lot #: A2514046

SKU #: **T115813**

Version: **0**

Analysis #: **042695**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	124-128 (°C)	126.23000 °C
Purity(HPLC)	98-100 (%)	99.94800 %
Purity(Neutralization titration)	97.5-102.5 (%)	99.50 %
Specific Rotation [α] ₂₀ /D(c=1 in MeOH)	-33--29 (°)	-30.98 °
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