

## Certificate of Analysis

Date of Testing: 2022-07-08 16:25:57

Date of Next Testing: 2026-07-07 16:25:57

Product Name: **Topiramate**

CAS Number: 97240-79-4

Specifications & Purity: 98%

Lot #: 11416022

SKU # **T115813**

**Analysis: 110519**

Storage Temperature: Store at 2-8°C

| Parameter   | Limit Values          | Result                |
|---|-----------------------|-----------------------|
| Melting point   | 124-128 (°C)          | 126.90000 °C          |
| Purity(HPLC)  | 98-100 (%)            | 98.13000 %            |
| Purity(Neutralization titration)                                    | 97.5-102.5 (%)        | 98.42 %               |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in MeOH)                 | -33--29 (°)           | -31.53 °              |
| Appearance (T115813)  | white powder or solid | white powder or solid |
| <sup>13</sup> 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              |



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