

Certificate of Analysis

Date of Testing: 2023-02-09 18:11:58

Date of Next Testing: 2027-02-08 18:11:58

Product Name: **Tentoxin**

CAS Number: 28540-82-1

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: K2229991

SKU #: **T139594**

Analysis: 142410

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC,RP C18,CH3CN:H2O 0%-100% in 20 min.282nm)	98-100 (%)	99.78 %
Purity(TLC,NP MDC: methanol 95:5)	99-100 (%)	99.00 %
Purity(TLC,RP C18, methanol: H2O 90: 10)	99-100 (%)	99.00 %
Melting point	175-180 (°C)	176.15000 °C
Appearance (T139594)	off-white powder	off-white powder
Lambda max , 229, 277, 316, 331nm	pass	Pass
Solubility in DMSO/EtOH	Clear colorless solution at 10mg/ml	Clear colorless solution at 10mg/ml



John Su
QA & QC Manager