

Certificate of Analysis

Date of Testing: 2024-09-09 15:46:04

Date of Next Testing: 2026-09-09 15:46:04

Product Name: **7-Ethylcamptothecin**

CAS Number: 78287-27-1

Specifications & Purity: $\geq 96.0\%$ (HPLC)

Lot #: E1703004

SKU #: **E134852**

Version **1**

Analysis #: **408997**

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	98.02000 %
Specific Rotation $[\alpha]_{20/D}(c=0.4 \text{ in CHCL}_3:\text{MeOH}=8:2)$	40-46 ($^{\circ}$)	44.10 $^{\circ}$
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(E134852)	Light orange to Yellow to Green powder to crystal	light orange to yellow to green powder to crystals



John Su
QA & QC Manager