

Certificate of Analysis

Date of Testing: 2023-11-07 10:18:18
Date of Next Testing: 2025-11-06 10:18:18
Product Name: **Irinotecan HCl Trihydrate**
CAS Number: 136572-09-3
Specifications & Purity: $\geq 98\%$
Lot #: K2301116
SKU #: **I129860**
Analysis: **142943**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-100 (%)	98.80 %
Purity(HPLC)	98-100 (%)	99.67200 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	22-26 ($^{\circ}$)	23.30 $^{\circ}$
Water by Karl Fischer	7-10 (%)	9.88 %
Appearance (I129860)	Light yellow to yellow solid	Light yellow to yellow solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager