

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-09 14:06:20
Date of Next Testing: 2025-03-08 14:06:20
Product Name: **Irinotecan HCl Trihydrate**
CAS Number: 136572-09-3
Specifications & Purity: $\geq 98\%$
Lot #: E2128457
SKU #: **I129860**
Analysis: **196309**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	22-26 (°)	22.86°
Purity(Neutralization titration)	98-100 (%)	99.00 %
Purity(HPLC)	98-100 (%)	98.65400 %
Water by Karl Fischer	7-10 (%)	9.12 %
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