

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-04 15:55:55
Date of Next Testing: 2026-07-04 15:55:55
Product Name: **Irinotecan HCl Trihydrate**
CAS Number: 136572-09-3
Specifications & Purity: $\geq 98\%$
Lot #: I2228201
SKU #: **I129860**
Version: **0**
Analysis #: **380938**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	22-26 (°)	22.70°
Purity(Neutralization titration)	98-100 (%)	98.15 %
Purity(HPLC)	98-100 (%)	99.36000 %
Water by Karl Fischer	7-10 (%)	9.43 %
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