

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-15 15:52:13
Date of Next Testing: 2026-03-15 15:52:13
Product Name: **Irinotecan HCl Trihydrate**
CAS Number: 136572-09-3
Specifications & Purity: $\geq 98\%$
Lot #: F2201222
SKU #: **I129860**
Analysis: **331556**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	22-26 ($^{\circ}$)	22.70 $^{\circ}$
Purity(Neutralization titration)	98-100 (%)	98.16 %
Purity(HPLC)	98-100 (%)	99.35000 %
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