

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-19 15:57:14
Date of Next Testing: 2025-07-18 15:57:14
Product Name: **Irinotecan HCl Trihydrate**
CAS Number: 136572-09-3
Specifications & Purity: $\geq 98\%$
Lot #: L1923069
SKU #: **I129860**
Analysis: 253644
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	22-26 ($^{\circ}$)	24.30 $^{\circ}$
Purity(Neutralization titration)	98-100 (%)	99.60%
Purity(HPLC)	98-100 (%)	99.20140%
Water by Karl Fischer	7-10 (%)	8.50%
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