

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-04 17:06:46  
Date of Next Testing: 2026-12-04 17:06:46  
Product Name: **Irinotecan HCl Trihydrate**  
CAS Number: 136572-09-3  
Specifications & Purity:  $\geq 98\%$   
Lot #: K2429267  
SKU #: **I129860**  
Version: **0**  
Analysis #: **352778**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-100 (%)	99.65 %
Purity(HPLC)	98-100 (%)	99.68500 %
Water by Karl Fischer	7-10 (%)	9.03 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	22-26 ( $^{\circ}$ )	22.12 $^{\circ}$
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