

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-13 11:36:32
Date of Next Testing: 2026-09-13 11:36:32
Product Name: **Irinotecan HCl Trihydrate**
CAS Number: 136572-09-3
Specifications & Purity: $\geq 98\%$
Lot #: L2202135
SKU #: **I129860**
Version: **0**
Analysis #: **410999**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|--|------------------------------|------------------------------|
| Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$ | 22-26 (°) | 23.30° |
| Purity(Neutralization titration) | 98-100 (%) | 98.78 % |
| Purity(HPLC) | 98-100 (%) | 99.67000 % |
| Water by Karl Fischer | 7-10 (%) | 9.88 % |
| 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