

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-25 12:58:10  
Date of Next Testing: 2026-03-24 12:58:10  
Product Name: **Irinotecan hydrochloride**  
CAS Number: 100286-90-6  
Specifications & Purity: 98%  
Lot #: C2223340  
SKU #: **I102602**  
**Analysis:** **080551**  
Storage Temperature: Store at -20°C

| Parameter  | Limit Values                                    | Result  |
|--|---|---|
| Purity(HPLC)   | 98-100 (%)                                      | 99.84600%                                       |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in MeOH)        | 22-26 (°)                                       | 25.65°  |
| Appearance (I102602)                                       | White to Light Yellow Powder or Solid or chunks | White to Light Yellow Powder or Solid or chunks |
| Proton NMR spectrum  | Conforms to Structure                           | Conforms to Structure                           |
| Solubility in DMSO , Yellow to Dark Yellow, Clear,50 mg/mL | Conforms  | Conforms  |



John Su  
QA & QC Manager