

## Certificate of Analysis

Date of Testing: 2023-02-09 12:31:41  
Date of Next Testing: 2027-02-08 12:31:41  
Product Name: **Irinotecan hydrochloride**  
CAS Number: 100286-90-6  
Specifications & Purity: 98%  
Lot #: B2302836  
SKU #: **I102602**  
**Analysis: 154817**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.73700%
Specific Rotation [α] <sub>20</sub> /D(c=1 in MeOH)	22-26 (°)	22.10°
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