

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-05 11:01:29  
Date of Next Testing: 2024-11-24 11:01:29  
Product Name: **Topotecan hydrochloride**  
CAS Number: 119413-54-6  
Specifications & Purity: 98%  
Lot #: K2224918  
SKU #: **T294611**  
**Analysis:** **163032**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.62100 %
Specific rotation(C=0.5,water)	100-105 (°)	100.55700 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager