

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-27 15:10:06
 Date of Next Testing: 2027-05-27 15:10:06
 Product Name: **4'-Demethylepipodophyllotoxin**
 CAS Number: 6559-91-7
 Specifications & Purity: $\geq 98\%$
 Lot #: D2318384
 SKU #: **D276525**
 Version: **1**
 Analysis #: **711027**
 Storage Temperature: Store at -20°C , Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.21400 %
Specific rotation	-68--60 ($^{\circ}$)	-64.32200 $^{\circ}$
$[\alpha]_{20/D}(C=0.65, \text{MeOH})$		
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(D276525)	White to Almost white powder to crystal	White to Almost white powder to crystal



John Su
 QA & QC Manager