

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-28 11:51:24

Date of Next Testing: 2027-12-27 11:51:24

Product Name: **Wortmannin**

CAS Number: 19545-26-7

Specifications & Purity: Moligand™, ≥98%

Lot #: L2318177

SKU #: **W100984**

Version: **2**

Analysis #: **300426**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.20000 %
Melting point	235-239 (°C)	236.50000 °C
Carbon by Elemental Analysis	63.5-65.4 (%)	64.20000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (W100984)	White to Off-White to Light Yellow Powder or Crystals	White to Off-White to Light yellow Powder or Crystals
Solubility in EtOAC , Colorless to Light Yellow,Clear,9.80 - 10.20 mg/ml	pass	Pass



John Su
QA & QC Manager