

Certificate of Analysis

Date of Testing: 2022-11-10 15:18:37

Date of Next Testing: 2026-11-09 15:18:37

Product Name: **Wortmannin**

CAS Number: 19545-26-7

Specifications & Purity: 98%

Lot #: J2228757

SKU #: **W100984**

Analysis: **143097**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.00000 %
Carbon by Elemental Analysis	63.5-65.4 (%)	63.62 %
Melting point	235-239 (°C)	236.30000 °C
Appearance (W100984)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOAC , Colorless to Light Yellow,Clear,9.80 - 10.20 mg/ml	pass	Pass



John Su
QA & QC Manager