

Certificate of Analysis

Date of Testing: 2025-02-14 14:45:37

Date of Next Testing: 2027-02-04 14:45:37

Product Name: **(20S)-Protopanaxadiol**

CAS Number: 30636-90-9

Specifications & Purity: analytical standard, $\geq 98\%$

Lot #: J1922159

SKU #: **P111389**

Version: **0**

Analysis #: **470550**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	1.25 %
Purity(HPLC)	98-100 (%)	98.35800 %
Appearance (P111389)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Clear colorless solution at 5mg/ml	pass	Pass



John Su
QA & QC Manager