

Certificate of Analysis

Date of Testing: 2023-12-14 17:14:20

Date of Next Testing: 2027-12-13 17:14:20

Product Name: **Diosgenine**

CAS Number: 512-04-9

Specifications & Purity: 95%

Lot #: D1621022

SKU #: **D101265****Analysis: 304695**

Parameter	Limit Values	Result
Melting point	205-208 (°C)	206.00000 °C
Specific Rotation [α] ₂₀ /D(c=1 in CHCL ₃)	-127--123 (°)	-125.00 °
Purity(HPLC area)	95-100 (%)	98.20 %
Appearance (D101265)	White or light yellow powder	White or light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Faint Yellow to Yellow, Clear,50 mg/ml	pass	Pass

John Su
QA & QC Manager