

Certificate of Analysis

Date of Testing: 2024-02-19 13:38:45

Date of Next Testing: 2028-02-18 13:38:45

Product Name: **Diosgenine**

CAS Number: 512-04-9

Specifications & Purity: 90%

Lot #: D2017105

SKU #: **D101264**

Analysis: 320773

Parameter	Limit Values	Result
Purity(HPLC)	90-100	99.81
Specific Rotation [α] _D (c=1 in CHCL ₃)	-127--123 (°)	-123.13°
Melting point	205-208 (°C)	205.13000 °C
Appearance (D101264)	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