

Certificate of Analysis

Date of Testing: 2024-01-24 15:12:40

Date of Next Testing: 2028-01-23 15:12:40

Product Name: **Diosgenine**

CAS Number: 512-04-9

Specifications & Purity: 90%

Lot #: A2415151

SKU #: **D101264**

Analysis: 298117

Parameter	Limit Values	Result
Purity(HPLC)	90-100	97.89
Melting point	205-208 (°C)	205.33000 °C
Specific Rotation [α] ₂₀ /D(c=1 in CHCL ₃)	-127--123 (°)	-126.28 °
Appearance (D101264)	White or light yellow powder	White or light yellow powder
Solubility in CHCL ₃ , Faint Yellow to Yellow, Clear,50 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager