

## Certificate of Analysis

Date of Testing: 2023-06-20 17:54:59

Date of Next Testing: 2027-06-19 17:54:59

Product Name: **Diosgenine**

CAS Number: 512-04-9

Specifications & Purity: 90%

Lot #: F2314224

SKU #: **D101264**

**Analysis: 245647**

Parameter	Limit Values	Result
Purity(HPLC)	90-100	99.81
Specific Rotation [ $\alpha$ ] <sub>D</sub> (c=1 in CHCL <sub>3</sub> )	-127--123 (°)	-123.14 °
Melting point	205-208 (°C)	205.15000 °C
Appearance (D101264)	White or light yellow powder	White or light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL <sub>3</sub> , Faint Yellow to Yellow, Clear,50 mg/ml	pass	Pass



John Su  
QA & QC Manager