

## Certificate of Analysis

Date of Testing: 2022-07-18 16:24:45

Date of Next Testing: 2026-07-17 16:24:45

Product Name: **Diosgenine**

CAS Number: 512-04-9

Specifications & Purity: 90%

Lot #: J1428089

SKU #: **D101264**

**Analysis: 114263**

Parameter	Limit Values	Result
Purity(HPLC)	90-100	92.57
Specific Rotation [ $\alpha$ ] <sub>20</sub> /D(c=1 in CHCL <sub>3</sub> )	-127--123 (°)	-125.30°
Melting point	205-208 (°C)	206.50000 °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



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QA & QC Manager