

Certificate of Analysis

Date of Testing: 2025-04-10 13:56:31

Date of Next Testing: 2029-04-09 13:56:31

Product Name: **Diosgenine**

CAS Number: 512-04-9

Specifications & Purity: $\geq 95\%$

Lot #: G2114051

SKU #: **D101265**

Version: **1**

Analysis #: **493344**

Parameter	Limit Values	Result
Melting point	205-208 (°C)	205.82800 °C
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in CHCL}_3)}$	-127--123 (°)	-124.05 °
Purity(HPLC area)	95-100 (%)	98.10 %
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