

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-19 10:13:37

Date of Next Testing: 2029-08-18 10:13:37

Product Name: **Diosgenine**

CAS Number: 512-04-9

Specifications & Purity: $\geq 95\%$

Lot #: H2512135

SKU #: **D101265**

Version: **1**

Analysis #: **561888**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	205-208 (°C)	205.01000 °C
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in CHCL}_3)}$	-127--123 (°)	-123.01000 °
Purity(HPLC area)	95-100 (%)	98.48000 %
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