

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-19 15:19:01

Date of Next Testing: 2029-09-18 15:19:01

Product Name: **Diosgenine**

CAS Number: 512-04-9

Specifications & Purity: $\geq 90\%$

Lot #: L2109483

SKU #: **D101264**

Version: **0**

Analysis #: **574028**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	90-100	95.60500
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in CHCL}_3)}$	-127--123 ($^{\circ}$)	-126.97800 $^{\circ}$
Melting point	205-208 ($^{\circ}\text{C}$)	205.01000 $^{\circ}\text{C}$
Appearance (D101264)	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