

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 #: L2109480
 SKU #: **D101264**
 Version: **0**
 Analysis #: **574028**

Parameter	Limit Values	Result
Purity(HPLC)	90-100	95.61
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in CHCL}_3)}$	-127--123 (°)	-126.98 °
Melting point	205-208 (°C)	205.01000 °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