

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-10 16:20:14

Date of Next Testing: 2026-12-09 16:20:14

Product Name: **Diosgenine**

CAS Number: 512-04-9

Specifications &amp; Purity: 95%

Lot #: L2206637

SKU #: **D101265****Analysis: 139654**

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in CHCL <sub>3</sub> )	-127--123 (°)	-123.01 °
Melting point	205-208 (°C)	205.01000 °C
Purity(HPLC area)	95-100 (%)	98.48 %
Appearance (D101265)	White or light yellow powder	White or light yellow powder
Solubility in CHCL <sub>3</sub> , Faint Yellow to Yellow, Clear,50 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager