

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-10 09:44:09

Date of Next Testing: 2027-04-09 09:44:09

Product Name: **Diosgenine**

CAS Number: 512-04-9

Specifications & Purity: 95%

Lot #: C2330939

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

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=1 in CHCL ₃)	-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 ₃ , Faint Yellow to Yellow, Clear,50 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager