

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-21 16:52:51  
Date of Next Testing: 2028-05-20 16:52:51  
Product Name: **Ginsenoside Rg3**  
CAS Number: 14197-60-5  
Specifications & Purity:  $\geq 98\%$  (HPLC)  
Lot #: E2415376  
SKU #: **G140887**  
Version: **1**  
Analysis #: **360817**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$	10-20 (°)	17.42°
Purity(HPLC)	98-100 (%)	99.74000 %
Appearance (G140887)	white to beige powder	white to beige powder
Solubility in DMSO , $\geq 5 \text{ mg/mL}$	Conforms	Conforms
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager