

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-27 09:10:52

Date of Next Testing: 2027-11-26 09:10:52

Product Name: **Ginsenoside Rg3**

CAS Number: 14197-60-5

Specifications & Purity:  $\geq 98\%$  (HPLC)

Lot #: K2322111

SKU #: **G140887****Analysis:** **299453**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in MeOH})$	10-20 (°)	18.11°
Melting point	145-148 (°C)	146.00000 °C
Purity(HPLC)	98-100 (%)	98.85600 %
Appearance (G140887)	white to beige powder	white to beige powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMSO , $\geq 5 \text{ mg/mL}$	Conforms	Conforms

John Su  
QA & QC Manager