

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-16 09:10:18

Date of Next Testing: 2025-01-15 09:10:18

Product Name: **Saponin**

CAS Number: 8047-15-2

Specifications & Purity: $\geq 70\%$, from *Gypsophila oldhamiana*

Lot #: D2109045

SKU #: **S196603**

Version: **0**

Analysis #: **179190**

Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Hemolytic index	20000-25000	20000.00000
PH(10% in water)	4.5-6.5	5.50000
Appearance (S196603)	Off white to brown lyophilized powder	Off white to brown lyophilized powder
Glucose(10% solution)	< 16mg/dl	< 16mg/dl



John Su
QA & QC Manager