

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-06 10:08:36

Date of Next Testing: 2024-09-05 10:08:36

Product Name: **Saponin**

CAS Number: 8047-15-2

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

Lot #: I2201670

SKU #: **S196603**

Version: **0**

Analysis #: **106333**

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