



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-06 10:02:33
Date of Next Testing: 2024-09-05 10:02:33
Product Name: **Saponin**
CAS Number: 8047-15-2
Specifications & Purity: $\geq 70\%$, from *Gypsophila oldhamiana*
Lot #: I2201671
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