

## Certificate of Analysis

Date of Testing: 2024-10-11 09:41:51  
Date of Next Testing: 2028-10-10 09:41:51  
Product Name: **Glycerol**  
CAS Number: 56-81-5  
Specifications & Purity: AR, ≥99%  
Lot #: I2427029  
SKU #: **G116203**  
Version: **3**  
Analysis #: **412535**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.0001 (%)	0.00 %
Chloride (Cl-)	0-0.0001 (%)	0.00 %
Ignition Residue (as sulfate)	0-0.001 (%)	0.00 %
(As)Arsenic	0-0.00005 (%)	0.00 %
Color scale	0-10	0.00
alkalinity(as OH-)	0-0.0003 (mmol/g)	0.00 mmol/g
Acidity(as H+)	0-0.0005 (mmol/g)	0.00 mmol/g
Iron(Fe)	0-0.0001 (%)	0.00 %
Assay	99-100 (%)	99.01 %
Sulfate(SO42-)	0-0.0005 (%)	0.00 %
Ammonia (NH4)	0-0.0005 (%)	0.00 %
Aliphatic ester(Glycerine three butyl acrylate)	0-0.05	0.05
Appearance (G116203Form)	Liquid	Liquid
Appearance (G116203Color)	Colorless viscous	Colorless viscous
Cane sugar and glucose	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Substances darkened by sulfuric acid	Pass	Pass
Substances reducing silver	pass	Pass



---

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager