

## Certificate of Analysis

Date of Testing: 2022-04-15 08:20:58  
 Date of Next Testing: 2026-04-14 08:20:58  
 Product Name: **Glycerol**  
 CAS Number: 56-81-5  
 Specifications & Purity: reagent grade,99%  
 Lot #: D2213018  
 SKU #: **G116203**  
**Analysis: 087064**

Parameter	Limit Values	Result
alkalinity(as OH-)	0-0.03	0.02
Acidity(as H+)	0-0.05	0.03
Heavy metal (as Pb)	0-0.0001 (%)	0.00 %
Sulfate(SO42-)	0-0.0005 (%)	0.00 %
Chloride (Cl-)	0-0.0001 (%)	0.00 %
Ignition Residue (as sulfate)	0-0.001 (%)	0.00 %
(As)Arsenic	0-50 (%)	26.00 %
Ammonia (NH4)	0-0.0005 (%)	0.00 %
Aliphatic ester(Glycerine three butyl acrylate)	0-0.05	0.02
Color scale	0-10	2.50
Assay	99-100 (%)	99.47 %
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