

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-02 15:53:59
Date of Next Testing: 2026-12-01 15:53:59
Product Name: **Glycerol**
CAS Number: 56-81-5
Specifications & Purity: reagent grade,99%
Lot #: K2224067
SKU #: **G116203**
Analysis: 162309

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| alkalinity(as OH-) | 0-0.03 | 0.00 |
| Acidity(as H+) | 0-0.05 | 0.00 |
| 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 (%) | 1.25 % |
| Ammonia (NH4) | 0-0.0005 (%) | 0.00 % |
| Aliphatic ester(Glycerine three butyl acrylate) | 0-0.05 | 0.00 |
| Color scale | 0-10 | 0.00 |
| Assay | 99-100 (%) | 99.72 % |
| 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 |



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

John Su
QA & QC Manager