

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-19 10:39:37
 Date of Next Testing: 2029-08-18 10:39:37
 Product Name: **Glycerol**
 CAS Number: 56-81-5
 Specifications & Purity: PharmPure™, USP, JP, BP, Ph.Eur.
 Lot #: H2513343
 SKU #: **G116214**
 Version: **2**
 Analysis #: **543851**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Ignition Residue	0-0.01 (%)	0.00500 %
Heavy metals	0-5 (ppm)	3.00000 ppm
Chloride Content	0-0.001 (%)	0.00050 %
Total impurities	0-1 (%)	0.50000 %
Fatty Acid Esters(Volume of 0.5N NaOH)	0-1 (ml)	0.28000 ml
Water by Karl Fischer	0-5 (%)	0.04000 %
Sulfate(SO42-)	0-0.002 (%)	0.00100 %
Diethylene glycol	< 0.1 (%)	0.05000 %
Ethylene Glycol	< 0.1 (%)	0.05000 %
Purity C3H8O3 (anhydrous basis)	99-101 (%)	99.80000 %
Density (20°C)	1.26-1.264	1.26160
Refractive index n20/D	1.47-1.475	1.47150
Appearance (G116214)	colorless viscous liquid	colorless viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager