

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-06-30 18:54:42
Date of Next Testing:	2029-06-29 18:54:42
Product Name:	Glycerol
CAS Number:	56-81-5
Specifications & Purity:	PharmPure™, USP, JP, BP, Ph.Eur.
Lot #:	F2519256
SKU #	G116214
Version	2
Analysis #:	528437

Parameter	Limit Values	Result
Ignition Residue	0-0.01 (%)	0.00 %
Heavy metals	0-5 (ppm)	3.69 ppm
Chloride Content	0-0.001 (%)	0.00 %
Total impurities	0-1 (%)	0.33 %
Fatty Acid Esters(Volume of 0.5N NaOH)	0-1 (ml)	0.19 ml
Water by Karl Fischer	0-5 (%)	0.06 %
Sulfate(SO42-)	0-0.002 (%)	0.00 %
Diethylene glycol	< 0.1 (%)	0.01000 %
Ethylene Glycol	< 0.1 (%)	0.00 %
Purity C3H8O3 (anhydrous basis)	99-101 (%)	99.90 %
Density (20°C)	1.26-1.264	1.26
Refractive index n20/D	1.47-1.475	1.47
Appearance (G116214)	colorless viscous liquid	colorless viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager