

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-23 18:23:23

Date of Next Testing: 2029-06-22 18:23:23

Product Name: **Glycerol**

CAS Number: 56-81-5

Specifications & Purity: $\geq 99.5\%$ (GC)

Lot #: F2517098

SKU #: **G116205**

Version: **6**

Analysis #: **517253**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Color scale	0-5	0.00000
Water by Karl Fischer	0-0.5 (%)	0.03360 %
Heavy metal (as Pb)	0-1 (ppm)	0.25860 ppm
Ash	0-0.01 (%)	0.00000 %
Refractive index n ₂₀ /D	1.47-1.475	1.47250
Specific gravity (25/25°C)	1.2517-1.2717	1.26160
Purity(GC)	99.5-100 (%)	99.70000 %
Fatty acids & esters (ml 0.5N NaOH/50g)	0-1	0.17000
halogen compounds (as Cl)	0-30 (ppm)	28.00000 ppm
Sugars ²	Negative	Negative
Appearance(G116205)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager