

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-10 11:51:03

Date of Next Testing: 2026-10-09 11:51:03

Product Name: **Glycerol**

CAS Number: 56-81-5

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

Lot #: 12227539

SKU # **G116205****Analysis: 142075**

Parameter	Limit Values	Result
Fatty acids & esters (ml 0.1N NaOH/25g)	0-0.2	0.20
Color scale	0-5	4.12
Water by Karl Fischer	0-0.3 (%)	0.26 %
halogen compounds (as Cl)	0-5 (ppm)	3.26 ppm
Heavy metal (as Pb)	0-1 (ppm)	0.43 ppm
Ash	0-0.01 (%)	0.00 %
Esters	≥ 8 (ml)	10.30 ml
Refractive index n ₂₀ /D	1.47-1.475	1.47
Density (20°C)	1.26-1.265	1.26
Purity(GC)	99.5-100%	99.92 %
Sugars ₂	Negative	Negative

John Su
QA & QC Manager