

Certificate of Analysis

Date of Testing: 2022-06-06 17:27:27

Date of Next Testing: 2026-06-05 17:27:27

Product Name: **Glycerol**

CAS Number: 56-81-5

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

Lot #: F2204557

SKU #: **G116205**

Analysis: 095329

Parameter	Limit Values	Result
Fatty acids & esters (ml 0.1N NaOH/25g)	0-0.2	0.00
Color scale	0-5	4.20
Water by Karl Fischer	0-0.3 (%)	0.12 %
halogen compounds (as Cl)	0-5 (ppm)	0.71 ppm
Heavy metal (as Pb)	0-1 (ppm)	0.28 ppm
Ash	0-0.01 (%)	0.00 %
Esters	≥ 8 (ml)	8.50 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%	99.78 %
Sugars ₂	Negative	Negative



John Su
QA & QC Manager