

Certificate of Analysis

Date of Testing: 2022-05-07 09:34:42
Date of Next Testing: 2026-05-06 09:34:42
Product Name: **Glycerol**
CAS Number: 56-81-5
Specifications & Purity: $\geq 99.5\%$ (GC)
Lot #: E2205021
SKU #: **G116205**
Analysis: **089198**

Parameter	Limit Values	Result
Fatty acids & esters (ml 0.1N NaOH/25g)	0-0.2	0.00
Color scale	0-5	2.50
Water by Karl Fischer	0-0.3 (%)	0.13%
halogen compounds (as Cl)	0-5 (ppm)	2.30 ppm
Heavy metal (as Pb)	0-1 (ppm)	0.60 ppm
Ash	0-0.01 (%)	0.00%
Esters	≥ 8 (ml)	8.00 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%	99.51%
Sugars ₂	Negative	Negative



John Su
QA & QC Manager