

Certificate of Analysis

Date of Testing: 2025-06-20 13:34:58

Date of Next Testing: 2029-06-19 13:34:58

Product Name: **Glycerol**

CAS Number: 56-81-5

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

Lot #: F2517099

SKU #: **G116205**

Version: **6**

Analysis #: **517253**

Parameter	Limit Values	Result
Color scale	0-5	0.00
Water by Karl Fischer	0-0.5 (%)	0.03 %
Heavy metal (as Pb)	0-1 (ppm)	0.26 ppm
Ash	0-0.01 (%)	0.00 %
Refractive index n ₂₀ /D	1.47-1.475	1.47
Specific gravity (25/25°C)	1.2517-1.2717	1.26160
Purity(GC)	99.5-100 (%)	99.70 %
Fatty acids & esters (ml 0.5N NaOH/50g)	0-1	0.17000
halogen compounds (as Cl)	0-30 (ppm)	28.00 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