

Certificate of Analysis

Date of Testing: 2024-08-26 16:39:09

Date of Next Testing: 2028-08-25 16:39:09

Product Name: **Glycerol**

CAS Number: 56-81-5

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

Lot #: H2409059

SKU #: **G116205**

Version: **5**

Analysis #: **404590**

Parameter	Limit Values	Result
Color scale	0-5	2.00
Water by Karl Fischer	0-0.5 (%)	0.15 %
halogen compounds (as Cl)	0-5 (ppm)	0.00 ppm
Heavy metal (as Pb)	0-1 (ppm)	0.00 ppm
Ash	0-0.01 (%)	0.00 %
Refractive index n ₂₀ /D	1.47-1.475	1.47
Density (20°C)	1.26-1.265	1.26
Fatty acids & esters (ml 0.5N NaOH/50g)	0-1	0.00000
Purity(GC)	99.5-100 (%)	99.88 %
Sugars ₂	Negative	Negative
Appearance(G116205)	Colorless Viscous Liquid	colorless viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager