

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-07-21 11:18:01

Date of Next Testing: 2030-07-20 11:18:01

Product Name: **Glycerol**

CAS Number: 56-81-5

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

Lot #: G2615153

SKU #: **V32101**

Version: **0**

Analysis #: **745050**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Color scale	0-5	0.00000
Water by Karl Fischer	0-0.5 (%)	0.05930 %
Heavy metal (as Pb)	0-1 (ppm)	1.00000 ppm
Ash	0-0.01 (%)	0.01000 %
Refractive index n ₂₀ /D	1.47-1.475	1.47260
Purity(GC)	99.5-100 (%)	99.50200 %
Fatty acids & esters (ml 0.5N NaOH/50g)	0-1	0.13000
Specific gravity (25/25°C)	1.2517-1.2717	1.25870
halogen compounds (as Cl)	0-30 (ppm)	28.00000 ppm
Sugars ²	Negative	Negative
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(V32101)	Colorless to light yellow liquid	Colorless to light yellow liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

