

Certificate of Analysis

Date of Testing: 2024-12-31 14:38:40
Date of Next Testing: 2028-12-30 14:38:40
Product Name: **Glycerol**
CAS Number: 56-81-5
Specifications & Purity: PharmPure™, USP, JP, BP, Ph.Eur.
Lot #: L2430089
SKU #: **G116214**
Version: **2**
Analysis #: **454763**

Parameter	Limit Values	Result
Ignition Residue	0-0.01 (%)	0.00 %
Heavy metals	0-5 (ppm)	1.26 ppm
Chloride Content	0-0.001 (%)	0.00 %
Total impurities	0-1 (%)	0.03 %
Fatty Acid Esters(Volume of 0.5N NaOH)	0-1 (ml)	0.24 ml
Water by Karl Fischer	0-5 (%)	0.03 %
Sulfate(SO42-)	0-0.002 (%)	0.00 %
Diethylene glycol	< 0.1 (%)	0.03200 %
Ethylene Glycol	< 0.1 (%)	0.00 %
Purity C3H8O3 (anhydrous basis)	99-101 (%)	99.80 %
Density (20°C)	1.26-1.264	1.26
Refractive index n20/D	1.47-1.475	1.47
Appearance (G116214)	colorless viscous liquid	colorless viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager