

Certificate of Analysis

Product Name:

Glycerol, meets USP testing specifications, PurReagent, 99.0 - 101.0 %

Product No.: PSR50413
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 56-81-5
Molecular Formula: C₃H₈O₃
Molecular Weight: 92.10 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Viscous Liquid	Colorless Viscous Liquid
Assay (on anhydrous basis)	99.0 - 101.0 %	99.92 %
Identification A by IR	Conforms to structure	Conforms
Identification B	Complies	Complies
Color	Complies	Complies
Water (By KF)	NMT 5.0 %	0.85 %
Specific Gravity (at 25 °C)	NLT 1.249	1.264
Residue on ignition (Ash)	NMT 0.01 %	< 0.001 %
Chloride (Cl)	NMT 0.001 %	< 0.001 %
Sulfate (SO ₄)	NMT 0.002 %	< 0.002 %
Heavy metals		
Chlorine Compounds	NMT 0.003 %	< 0.003 %
Fatty Acid and Esters	NMT 1 ml of 0.5N NaOH is consumed	0.9 ml
Related Compounds		
A) Total Impurities	NMT 1.0 %	< 1.0 %
B) Any individual impurity	NMT 0.1 %	< 0.1 %

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at room temperature and keep the container tightly closed

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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