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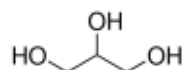
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Glycerin – meets USP testing specifications

Product Number: G2289
CAS Number: 56-81-5
MDL: MFCD00004722
Formula: C₃H₈O₃
Formula Weight: 92.09 g/mol



TEST	Specification
Identity Test A (USP)	Pass
Identity Test B (USP)	Pass
Identity Test C (USP)	Pass
Specific Gravity	≥ 1.249
at 25 Degrees Celsius	
Color Test	Pass
Residue on ignition (Ash)	≤ 0.01 %
Chloride Content	≤ 0.001 %
Sulfate	≤ 0.002 %
Chlorine Compounds (as Cl)	≤ 0.003 %
as Cl	
Fatty Acid Esters	≤ 1 ml
Volume of 0.5N NaOH	
Water (by Karl Fischer)	≤ 5.0 %
Assay	99.0 - 101.0 %
% C ₃ H ₈ O ₃ (Anhydrous Basis)	
Related Compounds (USP)	≤ 1.0 %
Total Impurities %	
Related Compounds	Meets Requirements
any individual impurity 0.1 %	
Meets USP Specifications	Confirmed
Recommended Retest Period	-----
4 Years	

Specification: PRD.4.ZQ5.10000010666

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.