

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

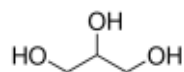
Email USA: techserv@sial.com

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 (at 25 Deg C) at 25 Degrees Celsius | ≥ 1.249 |
| Color Test | Pass |
| Residue on ignition (Ash) | ≤ 0.01 % |
| Chloride Content | ≤ 0.001 % |
| Sulfate | ≤ 0.002 % |
| Heavy Metals | ≤ 5 ppm |
| Chlorine Compounds (as Cl) as Cl | ≤ 0.003 % |
| Fatty Acid Esters Volume of 0.5N NaOH | ≤ 1 ml |
| Water (by Karl Fischer) | ≤ 5.0 % |
| Assay (% C ₃ H ₈ O ₃ Anhydrous Basis) % C ₃ H ₈ O ₃ (Anhydrous Basis) | 99.0 - 101.0 % |
| Related Compounds (USP) Total Impurities % | ≤ 1.0 % |
| Related Compounds any individual impurity 0.1 % | Meets Requirements |
| Meets USP Specifications | Confirmed |
| Recommended Retest Period 4 Years | ----- |

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.

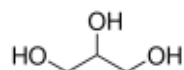
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Specification: PRD.3.ZQ5.10000010666

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