

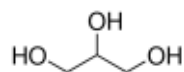
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## Product Specification

Product Name:  
Glycerol - ACS reagent, ≥99.5%

**Product Number:** G7893  
**CAS Number:** 56-81-5  
**MDL:** MFCD00004722  
**Formula:** C<sub>3</sub>H<sub>8</sub>O<sub>3</sub>  
**Formula Weight:** 92.09 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Viscous Liquid
Infrared spectrum	Conforms to Structure
Color Test	≤ 10 APHA
GC (area %)	≥ 99.50 %
Water (by Karl Fischer)	≤ 0.5 %
Residue on ignition (Ash)	≤ 0.005 %
Acrolein and Glucose	Pass
Chlorinated Compound as Cl	< = 0.003%
Substances Darkened (by H <sub>2</sub> SO <sub>4</sub> )	Pass
Fatty Acid Esters as Butyric Acid	≤ 0.05 %
Heavy Metals (as Lead)	< = 2 ppm
Neutrality	Pass
Sulfate (SO <sub>4</sub> )	< = 0.001%
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period 3 years	-----

Specification: PRD.4.ZQ5.1000003605

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](http://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.

