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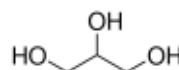
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## Product Specification

Product Name:  
Glycerol – for molecular biology, ≥99.0%

**Product Number:** G5516  
**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 (Turbidity)	Clear
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Color Test	≤ 10 APHA
GC (area %)	≥ 99.0 %
Heavy Metal	≤ 5 ppm
as Lead	
Solubility	Pass
Clear, colorless solution, 1 mL/mL in H <sub>2</sub> O.	
Iron	≤ 5 ppm
Elemental Analysis	
Magnesium	≤ 5 ppm
Elemental Analysis	
Protease by FITC-Casein	None Detected
DNase, Exonuclease Detection	None Detected
RNAse Detection	None Detected
NICKase, Endonuclease Detection	None Detected
Recommended Retest Period	Confirmed
3 years	

Specification: PRD.4.ZQ5.1000006262

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.