

3050 Spruce Street, Saint Louis, MO 63103, USA

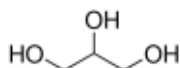
Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Certificate of Analysis

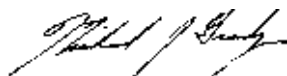
Product Name:

Glycerol - for molecular biology, ≥99.0%

**Product Number:** G5516  
**Batch Number:** SHBL3980  
**Brand:** SIGMA  
**CAS Number:** 56-81-5  
**MDL Number:** MFCD00004722  
**Formula:** C<sub>3</sub>H<sub>8</sub>O<sub>3</sub>  
**Formula Weight:** 92.09 g/mol  
**Quality Release Date:** 26 JUL 2019  
**Recommended Retest Date:** JUL 2022



Test	Specification	Result
Appearance (Turbidity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Iron (Fe)	≤ 5 ppm	< 1 ppm
Elemental Analysis		
Magnesium (Mg)	≤ 5 ppm	< 1 ppm
Elemental Analysis		
GC (area %)	≥ 99.0 %	100.0 %
Heavy Metals	≤ 5 ppm	< 1 ppm
as Lead		
Solubility	Pass	Pass
Clear, colorless solution, 1 mL/mL in H <sub>2</sub> O.		
Protease by FITC-Casein	None Detected	None Detected
DNase, Exonuclease Detection	None Detected	None Detected
RNase Detection	None Detected	None Detected
NICKase, Endonuclease Detection	None Detected	None Detected
Recommended Retest Period	Confirmed	Conforms
3 years		



Michael Grady, Manager

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.

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**Product Number:** G5516  
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Quality Control  
Sheboygan Falls, WI US

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.