

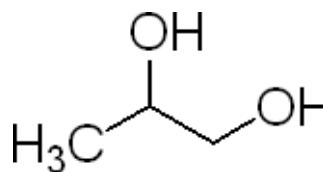
3050 Spruce Street, Saint Louis, MO 63103, USA

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)

## Product Specification

Product Name:  
Propylene Glycol – meets USP testing specifications

**Product Number:** P4347  
**CAS Number:** 57-55-6  
**MDL:** MFCD00064272  
**Formula:** C<sub>3</sub>H<sub>8</sub>O<sub>2</sub>  
**Formula Weight:** 76.09 g/mol



TEST	Specification
Identity	Pass
Specific Gravity	1.035 - 1.037
Acidity	≤ 0.20 ml
Water (by Karl Fischer)	≤ 0.2 %
Residue on Ignition	≤ 3.5 mg
Chloride Content	≤ 0.007 %
Sulfate	≤ 0.006 %
Heavy Metal	≤ 5 ppm
Residual Solvents Testing	Meets Requirements
Assay	≥ 99.5 %

Specification: PRD.0.ZQ5.10000021747

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.