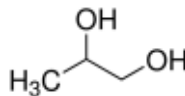


Certificate of Analysis

Product Name:

Propylene glycol - ≥99.5% (GC), FCC, FG

Product Number: W294004
Batch Number: SHBR9016
Brand: ALDRICH
CAS Number: 57-55-6
MDL Number: MFCD00064272
Formula: C₃H₈O₂
Formula Weight: 76.09 g/mol
Quality Release Date: 11 JUL 2024
Expiration Date: JUN 2029



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Viscous Liquid	Viscous Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Refractive index at 20 °C	1.431 - 1.433	1.433
Purity (GC)	≥ 99.50 %	99.77 %
Residue on ignition (Ash)	≤ 0.007 %	0.003 %
Specific Gravity	1.035 - 1.037	1.036
Boiling Point by DSC	185 - 189 °C	187 °C
Acidity	Pass	Pass
Water (by Karl Fischer)	≤ 0.2 %	< 0.1 %
Arsenic (As)	≤ 3 ppm	< 1 ppm
Cadmium (Cd)	≤ 1 ppm	< 1 ppm
Mercury (Hg)	≤ 1 ppm	< 1 ppm
Lead (Pb)	≤ 1 ppm	< 1 ppm
Expiration Date Period	-----	-----
5 Years		



Larry Coers, Director
Quality Control
Milwaukee, 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.

