

## Certificate of Analysis

Product Name:

Propylene glycol - FCC, FG

Product Number:

W294004

Batch Number:

SHBM3251

Brand:

ALDRICH

CAS Number:

57-55-6

MDL Number:

MFCD00064272

Formula:

C<sub>3</sub>H<sub>8</sub>O<sub>2</sub>

Formula Weight:

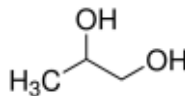
76.09 g/mol

Quality Release Date:

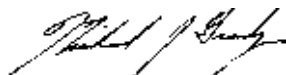
23 JUN 2020

Expiration Date:

MAY 2025



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 %	99.94 %
Residue on ignition (Ash)	≤ 0.007 %	< 0.007 %
Specific Gravity	1.035 - 1.037	1.035
Boiling Point by DSC	185 - 189 °C	186 °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		



Michael Grady, Manager

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](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.

