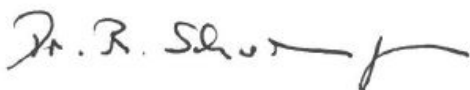


## Certificate of Analysis

**Product Name:** 1,2-PROPANEDIOL  
analytical standard, >= 99.7 % GC  
**Product Number:** 12279  
**Batch Number:** BCBW6740  
**Brand:** Sigma-Aldrich  
**CAS Number:** 57-55-6  
**Formula:** CH<sub>3</sub>CH(OH)CH<sub>2</sub>OH  
**Formula Weight:** 76.09  
**Expiration Date:** FEB 2021  
**Quality Release Date:** 06 MAR 2018

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	COLORLESS	COLORLESS
APPEARANCE (FORM)	LIQUID OR VISCOUS LIQUID	VISCOUS LIQUID
PURITY (GC AREA %)	≥ 99.7 %	99.9 %
REFRACTIVE INDEX N20/D	1.432 - 1.434	1.433
WATER (COULOMETR.)	≤ 0.1 %	0.007 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS



Dr. Reinhold Schwenninger  
Quality Assurance  
Buchs, Switzerland

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.