

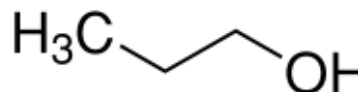
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Product Specification

Product Name:
1-Propanol - ACS reagent, ≥99.5%

Product Number: 402893
CAS Number: 71-23-8
MDL: MFCD00002941
Formula: C₃H₈O
Formula Weight: 60.1 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
Color Test	≤ 10 APHA
Purity (GC)	≥ 99.50 %
Impurity	≤ 0.01 %
Methanol	
Impurity	≤ 0.01 %
Ethanol	
Impurity	≤ 0.05 %
Isopropanol	
Water (by Karl Fischer)	≤ 0.2 %
Residue on Evaporation	≤ 0.001 %
Carbonyl compounds	≤ 0.03 %
% PROPIONALDEHYDE BY GAS CHROMATOGRAPHY	
Solubility	Pass
Titration Acid (meq/g)	≤ 0.0004
Meets ACS Requirements	Current ACS Specification
10th Edition	

Specification: PRD.0.ZQ5.10000020189

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.