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Product Specification

Product Name:
Ethyl alcohol, Pure - 200 proof, ACS reagent, ≥99.5 %

Product Number: 459844
CAS Number: 64-17-5
MDL: MFCD00003568
Formula: C₂H₆O
Formula Weight: 46.07 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared Spectrum	Conforms to Structure
Color Test	≤ 10 APHA
Corrected for Water Content	≥ 99.50 %
GC Purity, % Ethanol by Volume	
Methanol Content	≤ 0.1 %
Water (by Karl Fischer)	≤ 0.2 %
Residue on Evaporation	≤ 0.001 %
Solubility	Pass
Substances Darkened (by H ₂ SO ₄)	Pass
Substances reducing (by MnO ₄)	Pass
Acetone and Isopropyl Alcohol	Pass
Titration Acid (meq/g)	≤ 0.0005
Titration Base (meq/g)	≤ 0.0002
Meets ACS Requirements	Current ACS Specification
10th Edition	
Recommended Retest Period	-----
3 Years	

Specification: PRD.3.ZQ5.10000004583

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.