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Product Specification

Product Name:
Ethyl alcohol, Pure - 200 proof, HPLC/spectrophotometric grade

Product Number: 459828
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
UV Absorbance 400nm	≤ 0.01
UV Absorbance 270nm	≤ 0.01
UV Absorbance 240nm	≤ 0.05
UV Absorbance 230nm	≤ 0.15
UV Absorbance 220nm	≤ 0.25
UV Absorbance 210nm	≤ 0.40
Corrected for Water Content	≥ 99.5 %
GC Purity, % Ethanol by Volume	
Water (by Karl Fischer)	≤ 0.2 %
Residue on Evaporation	≤ 0.001 %
Note	Note
Traceable to ACS Product Listing (459844, 652253)	

Specification: PRD.1.ZQ5.10000020839

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.