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## Product Specification

Product Name:  
Ethyl alcohol, Pure - 200 proof, for molecular biology

**Product Number:** E7023  
**CAS Number:** 64-17-5  
**MDL:** MFCD00003568  
**Formula:** C<sub>2</sub>H<sub>6</sub>O  
**Formula Weight:** 46.07 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared Spectrum	Conforms to Structure
Corrected for Water Content	≥ 99.45 %
GC Purity, % Ethanol by Volume	
Impurity	≤ 1 ppm
Benzene (by Gas Chromatography)	
Water (by Karl Fischer)	≤ 0.2 %
Use Test	Suitable
Suitable for Molecular Biology Applications	
Recommended Retest Period	-----
3 Years	

Specification: PRD.5.ZQ5.10000004371

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.