

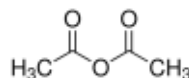
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Acetic anhydride – ACS reagent, ≥98.0%

Product Number: 242845
CAS Number: 108-24-7
MDL: MFCD00008705
Formula: C₄H₆O₃
Formula Weight: 102.09 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
Purity (GC)	≥ 98.00 %
Residue on Evaporation	≤ 0.003 %
Chloride (CL)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Substances reducing MnO ₄	Pass
Heavy Metal as Pb	≤ 2 ppm
Phosphate (PO ₄)	≤ 0.001 %
Sulfate	≤ 5 ppm

Specification: PRD.1.ZQ5.10000022852

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.