

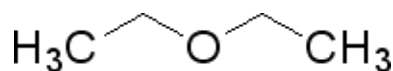
3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Diethyl ether – anhydrous, ACS reagent, ≥99.0%, contains BHT as inhibitor

Product Number: 673811
CAS Number: 60-29-7
MDL: MFCD00011646
Formula: C₄H₁₀O
Formula Weight: 74.12 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
Color Test	≤ 10 APHA
Purity (GC)	≥ 99.0 %
Stabilizer	≥ 1 ppm
BHT	
Peroxide (ppm)	≤ 1 ppm
AS H ₂ O ₂	
Carbonyl	≤ 0.001 %
as Formaldehyde	
Residue on Evaporation	≤ 0.001 %
Titrateable acid	≤ 0.0002 meq
Alcohol	Pass
Water (by Karl Fischer)	≤ 0.03 %
Meets ACS Requirements for the 10th Edition	Current ACS Specification

Specification: PRD.0.ZQ5.10000016945

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.