

3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:

Diethyl ether – ACS reagent, ≥98.0%, contains ~2% ethanol and ~10ppm BHT as inhibitor

Product Number:

676845

CAS Number:

60-29-7

MDL:

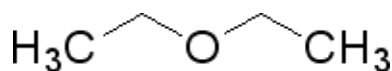
MFCD00011646

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)	≥ 98.0 %
excluding Stabilizer	
Stabilizer	
Stabilizer as Ethanol	
Stabilizer	
Stabilizer as BHT	
Residue on Evaporation	≤ 0.001 %
Water (by Karl Fischer)	≤ 0.5 %
Peroxide (ppm)	≤ 1 ppm
as H ₂ O ₂	
Carbonyl	≤ 0.001 %
as Formaldehyde	
Titration Acid (meq/g)	≤ 0.0002
Meets ACS Requirements	Current ACS Specification
10th Edition	

Specification: PRD.1.ZQ5.10000017308

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.