

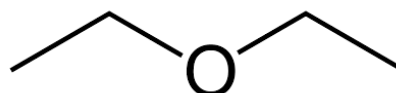
Product Specification

Product Name:

Diethyl ether contains BHT as inhibitor, ACS **PurReagent ≥99.8%**

Meets Reag. ISO, Reag. EP

Product No.: PSR39933
Brand: PureSynth
CAS No.: 60-29-7
Molecular Formula: C₄H₁₀O
Molecular Weight: 74.12 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay (By GC)	≥ 99.8 %
Water (By KF)	NMT 0.03 %
Boiling range	34 – 35 °C
Color (APHA)	NMT 10
Density (D20/4)	0.713-0.714 g/cm ³
Non-Volatile Matter	NMT 0.001 %
Aluminium (Al)	NMT 0.50 ppm
Boron (B)	NMT 0.02 ppm
Barium (Ba)	NMT 0.10 ppm
Calcium (Ca)	NMT 0.50 ppm
Cadmium (Cd)	NMT 0.05 ppm
Cobalt (Co)	NMT 0.02 ppm
Chromium (Cr)	NMT 0.02 ppm
Copper (Cu)	NMT 0.02 ppm
Iron (Fe)	NMT 0.05 ppm
Magnesium (Mg)	NMT 0.10 ppm
Manganese (Mn)	NMT 0.02 ppm
Nickel (Ni)	NMT 0.02 ppm
Lead (Pb)	NMT 0.05 ppm
Tin (Sn)	NMT 0.10 ppm
Zinc (Zn)	NMT 0.05 ppm
Carbonyl compounds (as CO)	NMT 0.001 %
Carbonyl compounds (as HCHO)	NMT 0.001 %
Free acid (as CH ₃ COOH)	NMT 0.0002 %
Peroxides (as H ₂ O ₂)	NMT 0.3 ppm
Methanol content	NMT 0.02 %
Acetone content	NMT 0.005 %
Ethanol content	NMT 0.02 %

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.
For queries on this Specifications, please contact our technical team at technical@pure-synth.com

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Aldehydes	Complies
Reaction against H ₂ SO ₄	Complies
BHT content (by GC)	5-8 ppm

Specification: PR-1.0-QA/718 Version No.:1.1, 12.06.2026

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