

**Product Name:** Diethyl ether, anhydrous, ACS, 99% min, stab. with BHT, Thermo Scientific Chemicals

**Catalog Number:** 016767.18

**CAS Number:** 60-29-7

**IUPAC Name:** ethoxyethane

**Molecular Formula:** C<sub>4</sub>H<sub>10</sub>O

**Molecular Weight:** 74.12

**InChI Key:** RTZKZFJDLAIYFH-UHFFFAOYSA-N

**SMILES:** CCOC

**Synonym:** diethyl ether anesthetic ethyl ether diethyl oxide ether ethylique sulphuric ether anesthesia ether solvent ether diethylaether diaethylaether anesthetic ether

## Product Specification

**Form:** Liquid

**Color (APHA):** ≤10

**Residual water:** ≤0.03%

**Free acid (titration):** ≤0.0002meq/g

**Impurity content:** Carbonyl (as HCHO): ≤0.001%

**Comment:** Stabilized with BHT

**Impurity content:** Alcohol (CH<sub>3</sub>CH<sub>2</sub>OH) P.T. (limit about 0.05%)

**Residue on Evaporation:** ≤0.001%

**Impurity content:** Peroxide (as H<sub>2</sub>O<sub>2</sub>): ≤1ppm

**Date Of Print:** 05/17/2024

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*