

**Product Name:** Diethyl ether, Spectrophotometric Grade, 99+%, stab. with copper, Thermo Scientific Chemicals

**Catalog Number:** H33678.AP

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**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:** RTZKZKFJDLAIYFH-UHFFFAOYSA-N

**SMILES:** CCOCC

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

## Product Specification

**Appearance (Color):** Clear, colourless

**Form:** liquid

**Residue on Evaporation:** <1ppm

**Assay (GC):** >99.0%

**Comment:** Stabiliser: Copper gauze

**Peroxide content:** <1ppm (at time of manufacture)

**UV Transmittance:** >10%, >50%, >80%, >95% and >99% at

**UV/Vis:** Lambda: 220nm, 230nm, 250nm, 280nm and 315-400nm respectively

**Water Content (Karl Fischer Titration):** <0.02%

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**Date Of Print:** 09/17/2024

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