

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

Catalog Number: H33678.0F

CAS Number: 60-29-7

IUPAC Name: ethoxyethane

Molecular Formula: C₄H₁₀O

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%

Date Of Print: 03/12/2025

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