

Product Name: Diethyl ether, Spectrophotometric Grade, 99+%, inhibitor free,
Thermo Scientific Chemicals

Catalog Number: 040976.M1

CAS Number: 60-29-7

IUPAC Name: ethoxyethane

Molecular Formula: C₄H₁₀O

Molecular Weight: 74.12

InChI Key: RTZKZFJDLAIYFH-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

Optical Absorbance at: 215nm: ≤1.00 AU

Peroxide content: ≤ 5ppm (at time of packaging)

Assay (GC): ≥99.0%

Optical Absorbance at: 230nm: ≤0.30 AU

Optical Absorbance at: 300nm: ≤0.005 AU

Water Content (Karl Fischer Titration): ≤0.05%

Optical Absorbance at: 254nm: ≤0.08 AU

Residue on Evaporation: ≤5ppm

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.