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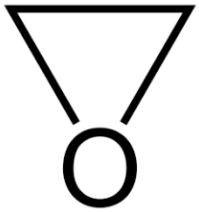
PureSynth®
Research Chemicals

Product Specification

Product Name:

Ethylene oxide 1M in MeOH Pur*Cert* Secondary Working Standard for GC [Includes all characterization data]

Product No.:	PSR46293
Brand:	PureSynth
CAS No.:	75-21-8
Molecular Formula:	C_2H_4O
Molecular Weight:	44.05 g/mol



Test	Specification
Appearance	Colorless to yellow to brown Liquid
Assay (By GC-FID)	≥ 99.0 %
Concentration	~ 1.0 M
Water (By KF)	NMT 0.500 %
Potency	-
Density	0.790–0.792 g/cm³
Identification by ^{1}H NMR	Conforms to structure
Identification by Mass	Conforms to molecular mass
Identification by IR	Conforms to structure

***Traceable to Internal Reference Standard.**

Specification: PC-1.0-QA/1178 Version No.1.1, 11.08.2026

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com