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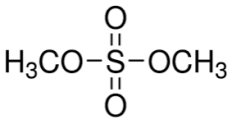
PureSynth®
Research Chemicals

Product Specification

Product Name:
Dimethyl Sulphate PurCert Secondary Working Standard for GC
[Includes all characterization data]

Product No.:	PSR37021
Brand:	PureSynth
CAS No.:	77-78-1
Molecular Formula:	$C_2H_6O_4S$
Molecular Weight:	126.13 g/mol



Test	Specification
Appearance	Colorless liquid
Assay (By GC)	≥ 98.0 %
Water (By KF)	NMT 0.500 %
Potency	-
Density	1.331 - 1.337 g/cm^3
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/041 Version No.:1.1, 07.10.2026

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