

# Certificate of Analysis

## Diethyl ether

### PurTech Standard for GC

<b>Product Number</b>	PSI057	<b>CAS No.</b>	60-29-7
<b>Brand</b>	PureSynth	<b>Lot No.</b>	S05M
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>10</sub> O	<b>Date of Mfg.</b>	May.2021
<b>Molecular Weight</b>	74.12 g/mol	<b>Date of Exp.</b>	April.2025

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥ 99.5 %	99.91%
Water (by KF)	≤ 0.03%	0.0272%
Identification by <sup>1</sup> H NMR	Conform to structure	Conforms
Identification by GC-MS	Conform to molecular mass	Conforms
Identification by IR	Conform to structure	Conforms

**\*Traceable to Internal Reference standard.**

**Storage Condition:** Store at ambient temperature and keep container tightly closed

**Remark:** The batch complies with the prescribed quality of the above specification.

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*This is a computer-generated report -does not required sign*

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