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## **Product Specification**

Product Name Diethyl ether PurTech Standard for

GC

Product Number PSI057

**CAS Number** 60-29-7 **Formula**  $C_4H_{10}O$ 

Molecular Weight 74.12 g/mol

H H H H H-C-C-O-C-C-H

Test Specification

Appearance (Color) Colorless

Appearance (Form) Liquid

Assay (GC-FID)  $\geq 99.5 \%$ 

**Density** 0.70-0.75 g/cm<sup>3</sup>

**Identification by IR** Conforms to structure

**Identification by GC-MS** Conforms to molecular mass

**Identification by <sup>1</sup>H NMR** Conforms to structure

\*Traceable to Internal Reference Standard.

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