

# Chem-Impex International, Inc.

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## Product Specifications

<b>Catalogue Number</b>	42870
<b>Product</b>	<b>2,5-Dimethoxytetrahydrofuran (<i>cis</i>- and <i>trans</i>-Tetrahydro-2,5-dimethoxyfuran (<i>cis</i>- and <i>trans</i>- mixture)</b>
<b>CAS Number</b>	696-59-3
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>12</sub> O <sub>3</sub>
<b>Molecular Weight</b>	132.16

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<b>Warnings</b>	<i>Air Sensitive! Store under inert gas!</i>
<b>Appearance</b>	Colorless to almost clear liquid
<b>Solubility</b>	Miscible with acetone,benzene,ethanol,ether
<b>Melting Point</b>	-45 °C
<b>Boiling point</b>	146 °C
<b>Flash Point</b>	35 °C
<b>Density</b>	1.03
<b>Refractive Index</b>	$n_D^{20}$ 1.42
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 98% (Total of isomer)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**