

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	03898
<b>Lot Number</b>	000933-44
<b>Product</b>	<b>Diethyl sulfate</b>
	Ethyl sulfate
	Sulfuric acid diethyl ester
<b>CAS Number</b>	64-67-5
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>10</sub> O <sub>4</sub> S
<b>Molecular Weight</b>	154.2

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<b>Appearance</b>	Colorless liquid
<b>Specific Gravity</b>	1.1799 (20/20)
<b>Refractive Index</b>	(n <sup>20</sup> D) = 1.4001
<b>Purity by GC</b>	99.6%
<b>Application</b>	It is used as an alkylating agent to prepare ethyl derivatives of phenols, amines, and thiols.
<b>Storage</b>	Store at RT
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager