

# ***Chem-Impex International, Inc.***

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## ***Certificate of Analysis***

<b>Catalogue Number</b>	06933
<b>Product</b>	<b>Boron trifluoride - ethyl ether complex</b>
<b>Lot Number</b>	001253-09763729
	Boron trifluoride - diethyl ether complex
<b>CAS Number</b>	109-63-7
<b>Molecular Formula</b>	BF <sub>3</sub> ·C <sub>4</sub> H <sub>10</sub> O
<b>Molecular Weight</b>	141.93

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<b>Appearance</b>	Colorless to light yellow liquid
<b>Solubility</b>	Passes test
<b>Specific Gravity</b>	1.124 g/mL
<b>Water Content (Karl Fisher)</b>	0.09%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Assay</b>	BF <sub>3</sub> content : 48.48%
<b>Assay by titration</b>	> 99.9% (by BF <sub>3</sub> content)
<b>Storage</b>	Store at 2 - 8 °C
<b>Country of Origin</b>	India
<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**