

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	45196
<b>Product</b>	<b>2-(Trifluoromethyl)benzaldehyde</b> <i>α,α,α</i> -Trifluoro- <i>o</i> -tolualdehyde
<b>CAS Number</b>	447-61-0
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>5</sub> F <sub>3</sub> O
<b>Molecular Weight</b>	174.12

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<b>Warnings</b>	<i>Air Sensitive! Store under inert gas!</i>
<b>Appearance</b>	Colorless to light yellow clear liquid
<b>Solubility</b>	Slightly soluble in water
<b>Melting Point</b>	-40 °C
<b>Boiling point</b>	70 °C/15.8 mmHg
<b>Flash Point</b>	52 °C
<b>Density</b>	1.32
<b>Refractive Index</b>	<i>n</i> <sup>20</sup> <sub>D</sub> 1.47
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 97%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**