

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	39211
<b>Product</b>	<b><i>trans</i>-2-Methyl-2-butenal</b>
<b>Lot Number</b>	000703-130327
	Tiglic aldehyde
<b>CAS Number</b>	497-03-0
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>8</sub> O
<b>Molecular Weight</b>	84.12

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<b>Appearance</b>	Colorless to yellow liquid
<b>Solubility</b>	Insoluble in water, soluble in alcohol
<b>Odor</b>	Green fruit odor
<b>Boiling point</b>	116 - 119 °C
<b>Flash Point</b>	18 °C
<b>Specific Gravity</b>	0.866 at 25 °C
<b>Refractive Index</b>	n <sub>20</sub> /D 1.448
<b>Water Content (Karl Fisher)</b>	< 1%
<b>Purity by GC</b>	99.1% (Sum of isomers)
<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