

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39146
<b>Product</b>	<b>(-)-Citronellal</b> (S)-(-)-3,7-Dimethyl-6-octenal (3S)-3,7-Dimethyl-6-octenal
<b>CAS Number</b>	5949-05-3
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>18</sub> O
<b>Molecular Weight</b>	154.25

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<b>Warnings</b>	<i>Air Sensitive! Store under inert gas!</i>
<b>Appearance</b>	Colorless clear liquid
<b>Flash Point</b>	75 °C
<b>Density</b>	0.85
<b>Refractive Index</b>	1.45
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -13 to -18 ° (neat)
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 96%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**