

# *Chem-Impex International, Inc.*

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## *Product Specifications*

<b>Catalogue Number</b>	39226
<b>Product</b>	<b>(-)-Menthone</b> (1 <i>R</i> ,4 <i>S</i> )-(-)- <i>p</i> -Menthan-3-one (2 <i>S</i> ,5 <i>R</i> )-2-Isopropyl-5-methylcyclohexanone
<b>CAS Number</b>	14073-97-3
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>18</sub> O
<b>Molecular Weight</b>	154.25

---

<b>Appearance</b>	Colorless to slightly yellow clear liquid
<b>Boiling point</b>	88 °C / 15 mmHg
<b>Flash Point</b>	72 °C
<b>Density</b>	0.89
<b>Refractive Index</b>	1.45
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -15 to -24 ° (neat)
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 90%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**