

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39415
<b>Product</b>	<b>(S)-(-)-3-Chloro-1-phenyl-1-propanol</b> (S)-(-)- $\alpha$ -(2-Chloroethyl)benzyl alcohol
<b>CAS Number</b>	100306-34-1
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>11</sub> ClO
<b>Molecular Weight</b>	170.64

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<b>Appearance</b>	White or off-white crystalline powder
<b>Melting Point</b>	57 - 61 °C
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>20D</sub> = -25 ° (C=1 in CHCl <sub>3</sub> )
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**