

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39519
<b>Product</b>	<b>(S)-2-Chloro-3-methylbutyric acid</b> (S)-2-Chloroisovaleric acid
<b>CAS Number</b>	26782-74-1
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>9</sub> ClO <sub>2</sub>
<b>Molecular Weight</b>	136.58

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<b>Appearance</b>	Colorless, slightly yellow or orange clear liquid
<b>Boiling point</b>	109 °C / 16 mmHg
<b>Flash Point</b>	81 °C
<b>Density</b>	1.14 g/mL
<b>Refractive Index</b>	$n_{20D} = 1.44$
<b>Optical Rotation</b>	$[\alpha]_{20D} = -1$ to $-2$ ° (neat)
<b>Assay by titration</b>	≥ 98% (Neutralization titration)
<b>Purity by GC</b>	≥ 95%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**