

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	41323
<b>Product</b>	<b>(-)-Methyl (S)-2-chloropropionate</b> (S)-(-)-2-Chloropropionic acid methyl ester Methyl (S)-(-)-2-chloropropionate
<b>CAS Number</b>	73246-45-4
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>7</sub> ClO <sub>2</sub>
<b>Molecular Weight</b>	122.55

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<b>Appearance</b>	Colorless to very faint yellow liquid
<b>Boiling point</b>	80 - 82 °C / 110 mmHg (Lit.)
<b>Flash Point</b>	32 °C - closed cup
<b>Density</b>	1.143 g/mL at 25 °C (Lit.)
<b>Refractive Index</b>	n <sup>20</sup> <sub>D</sub> 1.417 (Lit.)
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -26 ° (C=Neat)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by GC</b>	≥ 98%
<b>Chiral Purity</b>	≥ 96.5% (ee)
<b>Storage</b>	Store at ≤ -20 °C

**For Laboratory Use Only**