

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	38986
<b>Product</b>	<b>Methyl (S)-(+)-3-hydroxybutyrate</b> (S)-(+)-3-Hydroxybutyric acid methyl ester
<b>CAS Number</b>	53562-86-0
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>10</sub> O <sub>3</sub>
<b>Molecular Weight</b>	118.13

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<b>Appearance</b>	Colorless to almost colorless clear liquid
<b>Boiling point</b>	75 - 77 °C / 21 mmHg
<b>Flash Point</b>	73 °C
<b>Density</b>	1.060
<b>Refractive Index</b>	1.420
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = 21 - 24 °
<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 0 - 8 °C

**For Laboratory Use Only**