

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39491
<b>Product</b>	<b>(R)-(-)-2-Amino-1-butanol</b>
<b>CAS Number</b>	5856-63-3
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>11</sub> NO
<b>Molecular Weight</b>	89.14

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<b>Appearance</b>	Colorless or slightly yellow clear liquid
<b>Solubility</b>	Soluble in ether, alcohol and water
<b>Boiling point</b>	173 - 175 °C
<b>Flash Point</b>	95 °C
<b>Density</b>	0.95 g/mL
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>20D</sub> = -7 to -11 ° (neat)
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 98% (Nonaqueous titration)
<b>Purity by GC</b>	≥ 97%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**