

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39525
<b>Product</b>	<b>(S)-(-)-3-Cyclohexene-1-carboxylic acid</b> (S)-(-)-1,2,3,6-Tetrahydrobenzoic acid
<b>CAS Number</b>	5708-19-0
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>10</sub> O <sub>2</sub>
<b>Molecular Weight</b>	126.16

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<b>Warnings</b>	<i>Air sensitive! Store under inert gas!</i>
<b>Appearance</b>	Colorless clear liquid
<b>Boiling point</b>	118 °C / 6 mmHg
<b>Flash Point</b>	110 °C
<b>Density</b>	1.08 g/mL
<b>Refractive Index</b>	$n_{20D} = 1.48$
<b>Optical Rotation</b>	$[\alpha]_{20D} = -92$ to $-97$ ° (C=5 in MeOH)
<b>Assay by titration</b>	≥ 98% (Neutralization titration)
<b>Purity by GC</b>	≥ 98%
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**