

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39510
<b>Product</b>	<b>(1S,2S)-1,2-Cyclohexanedicarboxylic acid</b>
<b>CAS Number</b>	21963-41-7
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>12</sub> O <sub>4</sub>
<b>Molecular Weight</b>	172.18

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<b>Appearance</b>	White or off-white crystalline powder
<b>Solubility</b>	Soluble in acetone
<b>Melting Point</b>	180 - 185 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 15 - 20 ° (C=1 in Acetone)
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 98% (Neutralization titration)
<b>Purity by GC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**