

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	46585
<b>Product</b>	<b><i>trans</i>-Cyclobutane-1,2-dicarboxylic acid</b> (1 <i>R</i> ,2 <i>R</i> )(1 <i>S</i> ,2 <i>S</i> )-Cyclobutane-1,2-dicarboxylic acid
<b>CAS Number</b>	1124-13-6
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>8</sub> O <sub>4</sub>
<b>Molecular Weight</b>	144.13

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<b>Appearance</b>	Off-white to light brown solid
<b>Solubility</b>	Clear colorless to turbid brownish solution
<b>Melting Point</b>	129 - 132 °C
<b>Water Content (Karl Fisher)</b>	≤ 0.5%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 99.5%
<b>Purity</b>	≥ 99%
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**