

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39407
<b>Product</b>	<b>(1<i>R</i>,2<i>S</i>)-(-)-<i>trans</i>-2-Phenyl-1-cyclohexanol</b>
<b>CAS Number</b>	98919-68-7
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>16</sub> O
<b>Molecular Weight</b>	176.26

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<b>Appearance</b>	White or off-white crystalline powder
<b>Solubility</b>	Almost clear solution with methanol
<b>Melting Point</b>	63 - 67 °C
<b>Boiling point</b>	105 °C / 3 mmHg
<b>Optical Rotation</b>	[α] <sub>20D</sub> = -55 to -61 ° (C=1 in MeOH)
<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 2 - 8 °C

**For Laboratory Use Only**