

# Chem-Impex International, Inc.

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	39405
<b>Lot Number</b>	003305-1514
<b>Product</b>	<b>(1S,2R)-(+)-trans-2-Phenyl-1-cyclohexanol</b>
<b>CAS Number</b>	34281-92-0
<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>	Off-white powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 55.46 ° (C=10 in MeOH)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	99.29% (ee)
<b>Other Enantiomer</b>	0.71%
<b>Purity by HPLC</b>	98.34%
<b>Storage</b>	Store at 2 - 8 °C
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager