

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	29806
<b>Lot Number</b>	002058-2015-1-12
<b>Product</b>	(S)-(+)-5,5-Dimethyl-4-phenyl-2-oxazolidinone
	(S)-Phenyl superquat
<b>CAS Number</b>	168297-84-5
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>13</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	191.23

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = +70.5 ± 1° (C=1 in CHCl <sub>3</sub> )
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	> 99%
<b>Chiral Purity</b>	> 99.5% (ee)
<b>Storage</b>	Store at 0-8 °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**