

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 16578  
**Lot Number** 001532-20150209  
**Product** **(R)-(-)-4-Phenyl-2-oxazolidinone**

(4R)-4-Phenyl-1,3-oxazolidin-2-one

**CAS Number** 90319-52-1  
**Molecular Formula** C<sub>9</sub>H<sub>9</sub>NO<sub>2</sub>  
**Molecular Weight** 163.18

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**Appearance** White crystalline powder  
**Melting Point** 130-131 °C  
**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = -51.9°  
**Infrared Spectrum** Conforms to structure  
**Loss on Drying** 0.17%  
**Related Substances** Individual impurity: < 0.5%  
Total impurity: < 2.0%  
**Purity by HPLC** 99.56%  
**Chiral Purity** 99.9% (ee, GC)  
**Storage** Store at 0-8 °C  
**Remarks** 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