

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

**Catalogue Number** 04330  
**Lot Number** 110815-10875  
**Product** **Acetyl-DL-alanine**

Ac-DL-Ala-OH

**CAS Number** 1115-69-1  
**Molecular Formula** C<sub>5</sub>H<sub>9</sub>NO<sub>3</sub>

**Molecular Weight** 131.1

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**Appearance** White powder  
**Solubility** 0.3 gram in 2 ml H<sub>2</sub>O clear solution  
**Water Content (Karl Fisher)** 0.26%  
**Infrared Spectrum** Conforms to structure  
**Analysis by Mass Spectra** Conforms to structure  
**Loss on Drying** 0.29% (60°C,2h)  
**<sup>1</sup>H NMR** Conforms to structure  
**Purity by HPLC** 99.19%  
**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