

# 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

**Catalogue Number** 02643  
**Lot Number** 001497-2017122001  
**Product** **Acetyl-L-valine**

Ac-L-Val-OH

**CAS Number** 96-81-1  
**Molecular Formula** C<sub>7</sub>H<sub>13</sub>NO<sub>3</sub>

**Molecular Weight** 159.2

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**Appearance** White crystals or crystalline powder  
**Melting Point** 163.1 °C  
**Heavy Metals** < 20 ppm (as Pb)  
**Cation** Arsenic (As<sub>2</sub>O<sub>3</sub>): < 2 ppm  
**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = + 10.6° (C=1 in Acetic acid)  
**Loss on Drying** 0.34%  
**Residue On Ignition** 0.13%  
**Assay** 99.40%  
**Storage** Store at RT

**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