

# Chem-Impex International, Inc.

---

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

---

## Certificate of Analysis

**Catalogue Number** 02633  
**Lot Number** 000127-1023087  
**Product** **Acetyl-L-proline amide**

Ac-L-Pro-NH<sub>2</sub>


**CAS Number** 16395-58-7  
**Molecular Formula** C<sub>7</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight** 156.2

---

**Appearance** White powder  
**Solubility** Clear, colorless solution (50 mg/ml in MeOH)  
**Melting Point** 149 °C  
**Elemental Analysis (Theory)** C=53.89%, H=7.92%, N=17.98%  
**Water Content (Karl Fisher)** 0.1%  
**TLC System** Chloroform / methanol / acetic acid (98-100%) / water 45/13/1/2  
Chloroform / methanol / acetic acid / water 70/42/0.5/10  
Plate: Silicagel 60 F<sub>254</sub>  
Detected by : UV, ninhydrin, chlorine-tolidine  
**Purity by TLC** > 99%  
**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