

# 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

<b>Catalogue Number</b>	02610
<b>Lot Number</b>	000127-1072709
<b>Product</b>	<b>N<sup>a</sup>-Acetyl-L-arginine amide acetate salt</b> Ac-L-Arg-NH <sub>2</sub> · Acetate
<b>CAS Number</b>	88530-28-3
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>17</sub> N <sub>5</sub> O <sub>2</sub>
<b>Molecular Weight</b>	215.3

---

<b>Appearance</b>	White crystals
<b>Solubility</b>	Clear colorless solution (50mg/mL in Methanol)
<b>Water Content (Karl Fisher)</b>	2.8%
<b>TLC System</b>	Chloroform/Methanol/Acetic acid/H <sub>2</sub> O (60:45:14:6) Chloroform/Methanol/Acetic acid 32% (5:3:1) Ethyl acetate/Pyridine/Acetic acid/H <sub>2</sub> O (60:60:12:36) Plate : Silica gel 60 F <sub>254</sub> Detected by : UV, Ninhydrin, TMB
<b>Related Substances</b>	H-Arg-NH <sub>2</sub> : < 0.1% NEt <sub>3</sub> : < 0.1%
<b>Assay</b>	74.5% (Nfd 24.22% by elemental analysis)
<b>Purity by TLC</b>	> 99%
<b>Storage</b>	Store at ≤ -10 °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