

# 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>	09684
<b>Lot Number</b>	000127-1000048545
<b>Product</b>	<b>Peppstatin</b> Isovaleryl-Val-Val-Sta-Ala-Sta-OH (microbial product)
<b>CAS Number</b>	26305-03-3
<b>Molecular Formula</b>	C <sub>34</sub> H <sub>63</sub> N <sub>5</sub> O <sub>9</sub>
<b>Molecular Weight</b>	685.9

---

<b>Appearance</b>	White powder
<b>Solubility</b>	Clear colorless solution 25 mg/mL in 80% AcOH
<b>Biological staining</b>	> 920 µg/mg
<b>TLC System</b>	Chloroform/Methanol/Acetic acid 32% 5/3/1 n-Butanol/Acetic acid/Water 4/2/2 Chloroform/Methanol 8/2 Plate : Silicagel 60 F <sub>254</sub> Detected by : UV, Ninhydrin, TMB
<b>Analysis by Mass Spectra</b>	M = 685.9 u
<b>Assay</b>	98.8% (10.9% elemental analysis)
<b>Purity by TLC</b>	> 99%
<b>Storage</b>	Store at ≤ -4 °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