

# Chem-Impex International, Inc.

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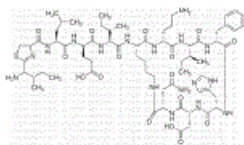
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	00029
<b>Product</b>	<b>Bacitracin from <i>Bacillus licheniformis</i></b>
<b>CAS Number</b>	1405-87-4
<b>Molecular Formula</b>	C <sub>66</sub> H <sub>103</sub> N <sub>17</sub> O <sub>16</sub> S
<b>Molecular Weight</b>	1422.69

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<b>Appearance</b>	White to pale powder
<b>pH</b>	5.5 - 7.5
<b>Loss on Drying</b>	≤ 5% (60 °C, 3h)
<b>Bacterial Endotoxins</b>	To pass test
<b>Related Substances</b>	Bacitracin A : ≤ 40% Active bacitracin : ≤ 70% Early eluting peptides : ≤ 20% Bacitracin F : ≤ 6%
<b>Residue On Ignition</b>	≤ 0.5%
<b>Potency (Anhydrous Basis)</b>	≥ 65 units/mg (Bacitracin)
<b>Grade</b>	Meets USP specification
<b>Storage</b>	Store at 0 - 8 °C
<b>Additional Information</b>	Identification : Test for A : Composition of Bacitracin Test for B : No white precipitate is formed Sterility test : To pass test

**For Laboratory Use Only**