

# Chem-Impex International, Inc.

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Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	00029
<b>Product</b>	<b>Bacitracin from <i>Bacillus licheniformis</i></b>

<b>Lot Number</b>	001453-150301
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<b>CAS Number</b>	1405-87-4
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<b>Molecular Formula</b>	C <sub>66</sub> H <sub>103</sub> N <sub>17</sub> O <sub>16</sub> S
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<b>Molecular Weight</b>	1422.69
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<b>Appearance</b>	Almost white powder
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<b>pH</b>	6.5
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<b>Loss on Drying</b>	2.3%
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<b>Microbial Count</b>	< 100 cfu/g
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<b>Residue On Ignition</b>	0.5%
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<b>Assay (anhydrous basis)</b>	78 units/mg (Bacitracin)
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<b>Purity by HPLC</b>	Conforms to standard
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<b>Purity by TLC</b>	Positive
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<b>Grade</b>	USP
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<b>Storage</b>	Store at 0-8 °C
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<b>Additional Information</b>	Bacitracin A content: 72.4% Active Bacitracin content: 91.0% Early eluting peptides: 1.7% Bacitracin F: 2.1%
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<b>Manufacturing Date</b>	3/30/2015
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<b>Expiration Date</b>	3/29/2017
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# *Certificate of Analysis*

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**Lot Number: 001453-150301**

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**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**