

## **Gojira Fine Chemicals, LLC**

Quality Products & Services Meeting Customer Needs
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## **Specification**

## **Bacitracin**

 $\begin{array}{lll} \textbf{CAS Number:} & 1405\text{-}87\text{-}4 \\ \textbf{Molecular Formula:} & C_{66}H_{103}N_{17}O_{16}S \\ \end{array}$ 

**Molecular Weight:** 1422.69 **Storage:** 2-8°C

Test	Specification
Appearance:	White to pale buff powder
Identification:	Pass test
pH:	5.5 - 7.5
Loss on Drying:	≤ 5.0 %
Residue on Ignition:	≤ 0.5 %
Bacitracin A:	≥ 40.0 %
SUM of bacitracin A, B1, B2 and B3:	≥ 70.0 %
Limit of early eluting peptides:	≤ 20.0 %
Limit of Bacitracin F:	≤ 6.0 %
Microbial Assay (Dried Basis):	≥ 65.0 IU/mg
Heavy Metals :	≤ 30 ppm
Total Viable Aerobic Count:	≤ 100 CFU/g
Particle Size (≤ 20µm by volume):	≥ 99.0 %
Crystallinity	Pass

Approved:

John Grubb, PhD Gojira Fine Chemicals

**Quality Manager** 

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