

# Specification

## Technical Data Sheet

<b>Product Name</b>	Bacitracin
<b>Product No</b>	64862649
<b>CAS Number</b>	1405-87-4
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	1422.70
	<b>Specification</b>
<b>Appearance</b>	A white to cream color powder
<b>Loss on Drying</b>	≤5.0%
<b>pH</b>	5.5 to 7.5
<b>Bacitracin A</b>	≥40%
<b>Bacitracin F</b>	≤6.0%
<b>Limit of early eluting peptides</b>	≤20%

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**Particle Size**

99% max 30um by volume 95% max 20um by volume 90% max 10um by volume

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**Potency**

$\geq 60$  iu/mg

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**Sum of bacitracin A,B1,B2 and B3**  $\geq 70\%$

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**Total viable aerobic aerobic count**  $\leq 100$ cfu/gram

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