



## Specification

### Bacitracin

**CAS Number:** 1405-87-4  
**Molecular Formula:**  $C_{66}H_{103}N_{17}O_{16}S$   
**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:

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