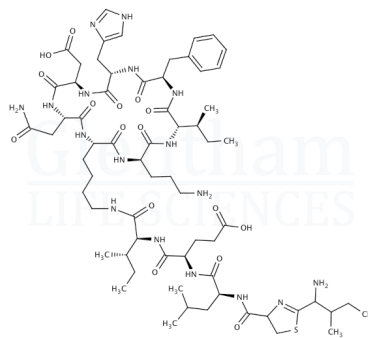


Certificate of Analysis

Product Name Bacitracin, EP grade
Glentham Code GA9348
CAS Number 1405-87-4
EINECS 215-786-2
MDL Number MFCD00062640
PubChem SID 310267242
Batch Number 943EFN

Molecular Weight 1421.60
Molecular Formula $C_{66}H_{103}N_{17}O_{16}S$
Storage Temp. +4°C



Property	Specification	Batch 943EFN
Physical Description	White or almost white powder	Almost white powder
Identification	A: TLC	Conforms
	B: Composition	Conforms
	C: Ignition Test	Conforms
Solubility (1% in water)	Clear solution	Conforms
pH (1% in water)	6.0 - 7.0	6.7
Related Peptides	≤ 20.0%	9.8%
Impurity E	≤ 6.0%	0.0%
Loss on Drying	≤ 5.0%	2.2%
Sulphated Ash	≤ 1.0%	0.2%
Composition	Bacitracin A: ≥ 40.0%	53.0%
	Bacitracins A, B1, B2 & B3: ≥ 70.0%	84.0%
Potency	≥ 60IU/mg (dried basis)	81.0IU/mg
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version v1.0
Manufacture Date 2022-12-05
Re-Test Date 2029-04-24

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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