

Product Specification

Product Name: Bacitracin ≥ 60 IU/mg *copoeia
Bacitracinum

Item Nr.: 1130 MW: 1422.72 g/mol C66H103N17O16S
CAS Nr.: 1405-87-4 E.C.Nr.: EINECS: 215-786-2

Parameter	Method	Specification	Unit
Appearance	visual	White to off-white powder	
Solubility	1% in H ₂ O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Composition	HPLC, bacitracin A	≥ 45.0	%
Composition	HPLC, sum of bacitracins A, B1, B2 and B3	≥ 77.0	%
Identification	TLC, A	corresponds to standard	
Assay	acc. to EP monogr. 0465	≥ 60	I.U./mg
Loss on drying	60°C, 3 h, P ₂ O ₅ , <0.1kPa	≤ 5.0	%
pH	1% in H ₂ O	6.0 - 7.0	
Related Substances	HPLC, impurity E	≤ 4.0	%
Sulfated ash		≤ 1.0	%

Storage: Keep well closed at 2-8 °C in a dry and dark place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 03/26.06.2022