

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.
 Certificate Number. 951001163

Catalogue Number	J62432
Lot Number	M07M013
Description	Bacitracin
CAS Number	1405-87-4
Quality Test/Release Date	07/Jan/2026
Suggested retest date	07/Jan/2029
Country of Origin	China
Declaration of Origin	Other
BSE/TSE	Bacillus Licheniformis

Result Name	Units	Specifications	Test Value
Assay	%	Bacitracin A: $\geq 40.0\%$	52.3
Assay	%	Early Eluting Peptides (C1, C2, C3): $\leq 20.0\%$	8.9
Assay	IU/mg	Microbial Assay (dried basis): ≥ 65.0 IU/mg	72.0
Assay	%	Sum of Bacitracin A, B1, B2, B3: $\geq 70.0\%$	82.2
Appearance (Color)		White to pale cream	Pale cream
Form		Powder	Powder
Heavy Metals	ppm	≤ 30.0 ppm	<30
Residue on ignition	%	$\leq 0.5\%$	0.4
Impurity content	%	Bacitracin F: $\leq 6.0\%$	1.8
Loss on Drying	%	$\leq 5.0\%$	1.3
pH		5.5-7.5	7.2



Derek Roy
 Quality Manager, LCD

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.