

## 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 S30L017  
Description Bacitracin  
CAS Number 1405-87-4  
Quality Test/Release Date 30/Jun/2025  
Suggested retest date 30/Jun/2028  
Country of Origin China

Result Name	Units	Specifications	Test Value
Assay from Suppliers CofA	%	Bacitracin A: $\geq 40.0\%$	52.3
Assay from Suppliers CofA	%	Early Eluting Peptides (C1, C2, C3): $\leq 20.0\%$	8.9
Assay from Suppliers CofA	IU/mg	Microbial Assay (dried basis): $\geq 65.0$ IU/mg	72.0
Assay from Suppliers CofA	%	Sum of Bacitracin A, B1, B2, B3: $\geq 70.0\%$	82.2
Appearance (Color)		White to pale cream	White
Form		Powder	Powder
Heavy Metals	ppm	$\leq 30.0$ 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



John Astarita  
Director, Quality

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.