



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-239267
Lot Number: SAMPLE
Product Name: Bacitracin zinc salt
CAS Number: 1405-89-6
Molecular Formula: $C_{66}H_{101}N_{17}O_{16}SZn$
Molecular Weight: 1486.07

Test	Specification	Result
Appearance	Off-white to light-yellow powder	Complies
Assay (Dried Basis)	≥ 65.0 U/mg	75.0 U/mg
pH	6.0 - 7.5 (10% in water)	6.3
Content	Bacitracin A: $\geq 40\%$ Bacitracin A+B1+B2+B3: $\geq 70.0\%$ Bacitracin F: $\leq 6.0\%$	75.3% 87.5% 4.6%
Loss on Drying	$\leq 5.0\%$	4.4%
Related Substances	$\leq 20.0\%$ (related peptides)	3.7%
Zinc	4.0 - 6.0%	5.5%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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