山东八方化工科技有限公司
SHANDONG OCTAGON CHEMICALS LIMITED

CERTIFICATE OF ANALYSIS

Product name	Bacitracin Zinc (Cas 1405-89-6)		
Batch No.	HIN2509204U	Mfg. Date	2025.09.09
Rep. Date	2025.09.22	Retest Date	2028.09.08
Packaging	10KG/Bag/Carton	Batch Quantity	170.000KG
Test Items	Standards: Current USP		Results
Appearance	White to pale tan powder		Almost white powder
Identification	Meets the requirements of the test for Composition of Bacitracin		Conforms
	Meets the requirements of the Zinc content		Conforms
Assay	NLT 65 Bacitracin Units/mg on the dried basis		76u/mg
Composition of Bacitracin	Content of bacitracin A: NLT 40.0%		71.5%
	Content of active bacitracin: NLT 70.0%		84.5%
	Limit of early eluting peptides:NMT 20.0%		2.6%
	Limit of bacitracin F: NMT 6.0%		1.4%
*Zinc content	4.0%~6.0% on the dried basis		5.0%
pH	6.0-7.5		6.6
Loss on drying	NMT 5.0%		1.2%
Microbial limits	TAMC: NMT 100 cfu/g		<1 cfu/g
	TYMC: NMT 100 cfu/g		<1 cfu/g
Particle size	NLT100% < 100 microns NLT99% <20 microns		Conforms Conforms
Conclusion	It meets the requirements of The Standards Above. *Zinc content is the contract testing item.		
Storage	Preserve in well-closed, light resistant containers.		
Reporter: LI			Reviewed By: WEI

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Address: Room 528, Building 2, No. 300-2, Changjiang Rd, YEDA, Yantai City, Shandong Province, 264006, China
Email: sales@octagonchem.com Web: https://octagonchem.com Tel: 0086-155-8950-3653