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

CERTIFICATE OF ANALYSIS

Product name	Bacitracin (Cas 1405-87-4)		
Batch No.	HBN2312208U	Mfg. Date	2023.12.30
Rep. Date	2024.01.10	Retest Date	2026.12.29
Packaging	500G/Bag/Tin/Carton	Batch Quantity	156.53KG
Test Items	Standards: Current USP		Results
Appearance	White to pale buff powder		Almost white powder
Identification	Meets the requirements of the test for Composition of Bacitracin		Conforms
	No white precipitate is formed		Conforms
Assay	NLT 65 Bacitracin Units/mg on the dried basis		78u/mg
Residue on ignition	NMT 0.5%		0.1%
Composition of Bacitracin	Content of bacitracin A: NLT 40.0%		67.5%
	Content of active bacitracin: NLT 70.0%		86.3%
	Limit of early eluting peptides:NMT 20.0%		4.0%
	Limit of bacitracin F: NMT 6.0%		1.1%
pH	5.5-7.5		6.2
Loss on drying	NMT 5.0%		0.2%
Bacterial endotoxins	NMT 0.01EU/U		Conforms
Microbial limits	TAMC: NMT 100 cfu/g		<1 cfu/g
	TYMC: NMT 10 cfu/g		<1 cfu/g
Residual solvents	NMT 5000ppm		33ppm
Conclusion	It meets the requirements of current USP		
Storage	Preserve in well-closed, light resistant containers.		
Reporter: LI			Reviewed By: WEI

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

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