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.	HBN2502203U	Mfg. Date	2025.02.22
Rep. Date	2025.03.03	Retest Date	2028.02.31
Packaging	500G/Bag/Tin/Carton	Batch Quantity	164.250KG
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		82u/mg
Residue on ignition	NMT 0.5%		0.1%
Composition of Bacitracin	Content of bacitracin A: NLT 40.0%		72.9%
	Content of active bacitracin: NLT 70.0%		86.9%
	Limit of early eluting peptides:NMT 20.0%		2.7%
	Limit of bacitracin F: NMT 6.0%		1.3%
pH	5.5-7.5		6.3
Loss on drying	NMT 5.0%		0.6%
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	N-butanol: NMT 5000ppm		63ppm
Conclusion	It meets the requirements of The Standards Above.		
Storage	Preserve in well-closed, light resistant containers.		
Reporter: LI		Reviewed By: WEI	

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