

OCTAGON CHEMICALS LIMITED

CERTIFICATE OF ANALYSIS

Product name	Bacitracin (Cas 1405-87-4)		
Batch No.	20191009	Mfg. date	2019.10.09
Rep. Date	2019.10.11	Exp. date	2022.10.08
Packaging	10kg/drum	Batch Quantity	29.6KG
Test Items	Standards: USP40		Results
Appearance	White to pale buff powder		An almost white powder
Identification	TLC:should conform HPLC:should conform		Conforms Conforms
PH	5.5~7.5		5.79
Loss on drying	NMT5.0%		1.38%
Residue on ignition	NMT0.5%		0.09%
Composition	Bacitracin A:NLT40%		72.1%
	Active bacitracin: NLT70%		90.1%
Limit of early eluting peptides	NMT 20.0%		2.9%
Limit of Bacitracin F:	NMT 6.0%		1.4%
Microbial assay	NMT100CFU/gram		0
Assay(on dried basis)	NLT65 Bacitracin units/mg		84Units/mg
Conclusion	It meets the requirements of USP40 Standards		
Storage	Store in a well-closed container at ambient temperature		
Prepared by: LI	Reviewed by: WEI	Released by:Zhang	