

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	Test according to	USP40
Test Items	Standards	Results	
Appearance	White to pale buff powder	An almost white powder	
Indentification	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	