

OCTAGON CHEMICALS LIMITED

CERTIFICATE OF ANALYSIS

Product name	Bacitracin Zinc (Cas 1405-89-6)		
Batch No.	1902208U	Mfg. date	2019.02.18
Rep. Date	2019.02.20	Exp. date	2022.02.27
Packaging	20kg/drum	Test according to	USP41
Test Items	Standards	Results	
Characters	White to pale tan powder	An almost white powder	
Identification	Should conform	Conforms	
PH	6.0~7.5	6.7	
Loss on drying	NMT5.0%	0.1%	
Zinc	4.0%~6.0%(on dried basis)	5.2%	
Bacitracin A	NLT40.0%	69.7%	
Content of active bacitracin	NLT70.0%	87.6%	
Limit of early eluting peptides	NMT20.0%	2.7%	
Limit of Bacitracin F	NMT6.0%	0.9%	
Potency of Bacitracin	NLT65IU/mg(on dried basis)	77IU/mg	
Particle size	100% <100 microns 99%<20microns	100% 100%	
Microbial limits	TAMC: <100CFU/g TYMC: <100CFU/g	<1cfu/g <1cfu/g	
Conclusion	It meets the requirements of USP41 Standards		
Storage	Store in a well-closed container at ambient temperature		
Prepared by: LI	Reviewed by: WEI	Released by:Zhang	