

# OCTAGON CHEMICALS LIMITED

## CERTIFICATE OF ANALYSIS

Product name	Vancomycin Hydrochloride (Cas 1404-93-9)		
Batch No.	20210225	Mfg. date	2021.02.25
Rep. Date	2021.03.02	Exp. date	2024.02.24
Packaging	1kg/Tin	Batch Quantity	25.18kg
Test Items	Standards: USP43		Results
Appearance	A white or almost white powder		An almost white powder
Identification	Should conform		Conforms
Color of solution	Clear		Clear
Assay	NLT900ug/mg		1042ug/mg
Water	NMT5.0%		2.3%
Heavy metals	NMT30ppm		<30ppm
PH	2.5~4.5		2.8
Bacterial endotoxins	NMT0.33EU/mg of vancomycin		Conforms
Microbial tests	Should conform		conforms
Limit of monodechlorovancomycin	NMT4.7%		0.8%
Composition of vancomycin	Vancomycin B: NMT85.0% Any other peak: NMT5.0%		95.8% 1.0%
Conclusion	It meets the requirements of USP43 Standards		
Storage	Store in a well-closed container at ambient temperature		
Prepared by: LI	Reviewed by: WEI	Released by:Zhang	