

## Certificate of Analysis

Date of Testing: 2023-01-13 14:36:07  
Date of Next Testing: 2027-01-12 14:36:07  
Product Name: **Vancomycin HCL**  
CAS Number: 1404-93-9  
Specifications & Purity: USP grade,potency:  $\geq 900$  ug per mg  
Lot #: A2309413  
SKU #: **V105495**  
**Analysis: 178896**  
Storage Temperature: Store at 2-8°C,Argon charged

Parameter	Limit Values	Result
Sulfate Ash	0-1 (%)	0.55 %
Water by Karl Fischer	0-10 (%)	1.76 %
Potency (mcg/mg)	$\geq 900$	1137.00
Carbon by Elemental Analysis(anhydrous)	50.7-56 (%)	51.89 %
PH(5% in water)	2.5-4.5	2.51
Nitrogen by Elemental Analysis (anhydrous)	8-8.9 (%)	8.06 %
Heavy metal (as Pb)	0-0.003 (%)	0.00 %
Appearance (v105495)	White to Orange to Brown Crystal to Powder	White to Orange to Brown Crystal to Powder
Solubility in H <sub>2</sub> O , Colorless to Faint Orange Clear 50 mg/ml	pass	Pass



John Su  
QA & QC Manager