

 **INDOFINE Chemical Company, Inc.**

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Certificate of Analysis

Catalogue Number BIO-423
Lot Number 001204-1802003
Product **Vancomycin hydrochloride**

CAS Number 1404-93-9
Molecular Formula $C_{66}H_{75}Cl_2N_9O_{24} \cdot HCl$

Molecular Weight 1485.7

Appearance White or almost white powder
Appearance of Solution Its absorbance at 450nm is 0.025
Heavy Metals < 30 ppm
Water Content (Karl Fisher) 2.0%
pH 2.9
Infrared Spectrum Conforms to structure
Residual Solvents Ethanol: 69 ppm
Bacterial Endotoxins < 0.25 EU/mg
Microbial Count Not detected (TAMC)
Related Substances Single impurity: 1.1%
Total impurities: 5.5%
Monodechlorovancomycin: 1.9%
Residue On Ignition 0.23%
Assay (anhydrous basis) Potency: 1070 µg/mg (1078 IU/mg)
Purity by HPLC 94.5%
Storage Store at 2-8 °C

Prepared by:
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