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Certificate of Analysis

Catalogue Number BIO-423
Product Vancomycin hydrochloride

Lot Number 001204-2512132
CAS Number 1404-93-9
Molecular Formula $C_{66}H_{75}Cl_2N_9O_{24} \cdot HCl$
Molecular Weight 1485.7

Appearance Almost white powder
Solubility Clearly soluble in water (100 mg/mL)
Heavy Metals < 30 ppm
Water Content (Karl
Fisher) 2.4%
pH 2.8
Infrared Spectrum Conforms to structure
Residual Solvents Ethanol: 10 ppm
Bacterial Endotoxins < 0.25 EU/mg
Related Substances Monodechlorovancomycin: 2.5%
Potency (Anhydrous
Basis) 1116 IU/mg
Purity by HPLC 94.2% (Vancomycin B)
 Other than the main peak: 1.3%
Storage Store at 0-8 °C