



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Certificate of Analysis

Catalogue Number BIO-423
Product Vancomycin hydrochloride

Lot Number 001204-1702086
CAS Number 1404-93-9
Molecular Formula C₆₆H₇₅Cl₂N₉O₂₄·HCl

Molecular Weight 1485.7

Appearance	Almost white powder
Solubility	Clear, freely soluble in water, slightly soluble in alcohol The UV absorbance of the solution at 450 nm = 0.025
Heavy Metals	< 30 ppm
Water Content (Karl Fisher)	2.5%
pH	2.85 (50 mg/mL)
Infrared Spectrum	Conforms to structure
Residual Solvents	Ethanol: 24 ppm
Bacterial Endotoxins	< 0.25 IU/mg
Microbial Count	Not detected
Related Substances	Monodechlorovancomycin: 2.0% Other peak impurity: 5.5%
Residue On Ignition	0.24%
Potency (Anhydrous Basis)	1085 µg/mg
Purity by HPLC	94.5%
Storage	Store at 2-8 °C