

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	00315
Product	Vancomycin hydrochloride
Lot Number	001204-1702086
CAS Number	1404-93-9
Molecular Formula	C ₆₆ H ₇₅ Cl ₂ N ₉ O ₂₄ ·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 IU/mg
Purity by HPLC	94.5%
Storage	Store at 2-8 °C
Additional Information	Particulate matter: Conforms to standard Sterility: Conforms to standard
Manufacturing Date	2/8/2017

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager