

# CERTIFICATE OF ANALYSIS

Product Description VANCOMYCIN HYDROCHLORIDE  
Product Number V870  
Lot Number HRW0870018  
Storage Temperature -20°C  
Molecular Weight 1485.73  
Formula  $C_{66}H_{75}Cl_2N_9O_{24} \cdot HCl$   
CAS Number 1404-93-9

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	4.0
Physical Appearance Color* Texture	2152-70 to 2164-70, 2081-70 Crystalline to Grainy Powder	2152-70 White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Potency	Minimum 900 µg/mg	1142 µg/mg

\* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

## Biological Testing:

Test Concentration: 50.0 mg/L


TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product does not typically promote tissue growth; tissue necrosis or death is possible. This product is commonly used to control bacterial contamination. This product is tested with two or more plant cell lines with no bioburden added to the medium	Parrot Feather	Passes
	H38 Tobacco Callus	Passes

The material described in this certificate is synthetic. No animal or plant derived components were used in the manufacture of this product.

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Date of Release: 28-May-2025

Recommended Shelf-Life Date: November 2027

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