

# CERTIFICATE OF ANALYSIS

Product Description KANAMYCIN MONOSULFATE SOLUTION (100MG/ML)  
Product Number K4751  
Lot Number HRE4751006  
Storage Temperature 2-8°C  
Molecular Weight 582.6  
Formula  $C_{18}H_{36}N_4O_{11} \cdot H_2SO_4$   
CAS Number 25389-94-0

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH (Neat)	For Information Only	8.2
Physical Appearance		
Color*	Colorless to Yellow Tint	Colorless
Texture	Clear Liquid	Clear Liquid
Sterility	Sterile	Passes
Insolubles	None	Passes
Potency of Raw Material	Minimum 670 IU/mg	750 IU/mg

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

## Biological Testing:

Test Concentration: 1.00 mL/L


TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product does not typically promote tissue growth; some tissue necrosis or death is possible, depending on the plant species. This product is tested with two or more axenic plant cell lines with no bioburden added to the medium.	Xanthi Tobacco Callus	Passes
	Parrot Feather	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: 17-December-2024

Recommended Shelf-Life Date: December 2027

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