

# CERTIFICATE OF ANALYSIS

Product Description	Kanamycin Monosulfate Solution 100 mg/mL
Product Number	K4751
Lot Number	16A4751002
Storage Temperature	2-6 °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	8.1
Physical Appearance		
Color*	Clear	Clear
Texture	Colorless Liquid	Colorless Liquid
Sterility by USP<71>	Sterile	Passes
Insolubles	None	Passes
Potency of Raw Material	For Information Only	774 IU/mg

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

## Biological Testing:

Test Concentration: 1.00 mL (100 mg)/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.	Coreopsis	Passes
	Cape Primrose	Passes

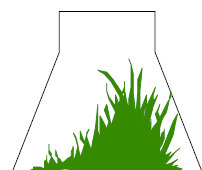
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTechnology Laboratories®** provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. **PhytoTechnology Laboratories®** 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.

Recommended Shelf Life Date: January 2019



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### **PhytoTechnology Laboratories®**

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