

# CERTIFICATE OF ANALYSIS

Product Description      MURASHIGE & SKOOG MICRONUTRIENT STOCK SOLUTION (10x)  
Product Number         M529  
Lot Number                16A0529029  
Storage Temperature     2-6 °C

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH (Neat)	2.5 – 3.5	3.2
Physical Appearance		
Color	Slight Yellow Tint	Slight Yellow Tint
Texture	Clear Liquid	Clear Liquid
Insolubles	None	Passes
Sterility by USP <71>	Sterile	Passes

## Biological Testing:

Test Concentration: 100 mL/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants	Tobacco Callus	Passes
	Sugar Cane	Passes

The material described in this certificate was manufactured in the United States of America and 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



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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