

# CERTIFICATE OF ANALYSIS

Product Description MURASHIGE MODIFIED GERBERA  
MULTIPLICATION BASAL MEDIUM  
CONTAINS FeNa-EDTA  
Product Number M509  
Lot Number 11H0509007  
Storage Temperature 2-6 °C

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (4.72 g/L)	Under Development	4.2
Physical Appearance	2022-70 to 2026-70	2022-70 Light Yellow
Color*	2146-70 to 2154-70	
Texture	Fine Powder	Fine powder
Solution Appearance		
Clarity	Clear to Slightly Hazy	Slightly Hazy
Color	Colorless to Slight Yellow Tint	Slight Yellow Tint
Insolubles	None to Fine	Passes – Fine
Moisture	For Information Only	1.49%
Osmolality	For Information Only	108 mOSm/kg

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

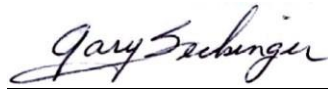
## Biological Testing:

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.	Dianthus Artic Fire	Passes
	Tobacco	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: March 2018



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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