

# CERTIFICATE OF ANALYSIS

Product Description MURASHIGE MODIFIED KALANCHOE MULTIPLICATION  
BASAL MEDIUM  
CONTAINS FeNa-EDTA  
Product Number M511  
Lot Number 07L51104  
Storage Temperature 2-8°C

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (4.41 g/L)	Under Development	4.8
Physical Appearance Color*	2024-70 (Lemon Ice) 2020-70 to 2026-70	2023-70 Light cream
Texture	Fine to Grainy Powder	Fine Powder
Solution Appearance Clarity Color	Clear Colorless to Sight Yellow Tint	Clear Sight Yellow Tint
Average Time to Dissolve	Within 15 min	Passes
Precipitation Formation	None	Passes

\* 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	Kalanchöe	Passes
	Tobacco callus	Passes

The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal or plant-derived components were used in the manufacture of this product.

*PhytoTechnology Laboratories, LLC 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.*

Date of Release: 18-February-2019  
Recommended Shelf Life Date: August -2021



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