

# CERTIFICATE OF ANALYSIS

Product Description      KAO & MICHAYLUK MODIFIED BASAL MEDIUM  
Product Number          K427  
Lot Number                11E0427004  
Storage Temperature      2-6 °C

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Soluble in Water
pH (3.90 g/L)	Under Development	3.23
Physical Appearance		
Color*	2150-70 to 2161-70	2152-70 Light Cream
Texture	Fine Powder	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Yellow to Yellow-Green	Yellow-Green Tint
Average Time to Dissolve	Within 3 min	Passes
Insolubles	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	Potato	Passes
	Hosta	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: May 2014



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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