

CERTIFICATE OF ANALYSIS

Product Description TOBACCO MODIFIED SHOOT MULTIPLICATION BASAL MEDIUM
 Product Number T864
 Lot Number 11G0864005
 Storage Temperature 2-6 °C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (5.41 g/L)	Under Development	6.05
Physical Appearance Color*	2018-70 to 2026-70 or 2145-70 to 2149-70	2146-70 Off-White
Texture	Fine Powder	Fine Powder
Solution Appearance Clarity Color	Clear to Slightly Hazy Light Yellow to Yellow-Green Tint	Clear Slight Yellow Tint
Average Time to Dissolve	Within 20 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	Tobacco callus	Passes
	Hosta	Passes

The material described in this certificate was manufactured in the United States of America and contains synthetic and animal-derived components. The animal-derived material is bovine milk of New Zealand and/or Australia origin. It was hydrolyzed with a Porcine-derived enzyme of US/Canadian origin.

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: July 2014



Gary Seckinger, Ph.D.



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