

CERTIFICATE OF ANALYSIS

Product Description TOBACCO MODIFIED SHOOT MULTIPLICATION BASAL MEDIUM
Product Number T864
Lot Number 03B86402
Storage Temperature 2-6° C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Soluble in Water
pH (5.41 g/L)	Under Development	5.60
Physical Appearance Color*	2018-70 to 2026-70 or 2145-70 to 2149-70	2146-70 Light Yellow
Texture	Fine to Fluffy Powder	Fine Powder
Solution Appearance Clarity Color*	Clear to Slightly Cloudy Light Yellow to Yellow-Green Tint	Slightly Cloudy Slight Yellow Tint
Average Time to Dissolve	Within 20 min	Passes
Insolubles	None to Fine	Passes- Fine

* 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
	Perilla Fantasy	Passes

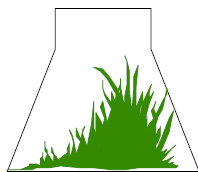
The material described in this certificate was manufactured in the United States of America and contains synthetic and animal-derived components. The animal-derived material is bovine milk of Australian origin.

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: February 2013



Gary Seckinger, Ph.D.



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