CERTIFICATE OF ANALYSIS

Product Description	TOBACCO MODIFIED ROOT INITIATION BASAL MEDIUM
Product Number	T861
Lot Number	13H0861005
Storage Temperature	2-6 °C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (5.41 g/L)	Under Development	6.2
Physical Appearance		
Color*	2018-70 to 2027-70 or 2145-70 to 2149-70	2146-70 Pale Yellow
Texture	Fine Powder	Fine Powder
Solution Appearance		
Clarity	Clear to Slightly Cloudy or Translucent, Grainy	Clear
Color	Light Yellow to Yellow-Green Tint	Light Yellow
Average Time to Dissolve	For Information Only (Approx. 20 min)	15 min
Insolubles	None	Passes
Moisture	For Information Only	1.25%

* 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 root proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants	Tobacco callus	Passes
	Sugar Cane	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 Casein derived from bovine milk of New Zealand origin. It was hydrolyzed with a Porcine-derived enzyme of US/Canadian origin.

***Phyto*Technology 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. *Phyto*Technology 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: April 2018

Gary Seckinger, Ph.D.

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Created on 05 September 2013 DS
Revised on 30 December 2015 JN