

CERTIFICATE OF ANALYSIS

Product Description	TOBACCO MODIFIED CALLUS INITIATION BASAL MEDIUM
Product Number	T856
Lot Number	05C85604
Storage Temperature	2-6°C
Molecular Weight	NA
Formula	NA
CAS Number	NA

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Soluble in Water
pH (5.41 g/L)	Under Development	4.80
Physical Appearance Color*	2023-70 (Crème Fraiche) 2021-70 to 2025-70 or 2145-70 to 2149-70	2023-70 (Crème Fraiche)
Texture	Fine to Fluffy Powder	Fluffy Powder
Solution Appearance Clarity	Clear to Slightly Cloudy or Nontransparent, Grainy	Nontransparent, Grainy
Color*	Slight Yellow Tint or 2023-70 to 2028-70	2028-70 (Seahorse)
Average Time to Dissolve	Within 5 min	Within 1 min
Precipitation Formation	None	None

* 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 cultures	Cape Sundew	Passes—supported plant growth and/or shoot proliferation with no morphological aberrations to plants
	Hosta	Passes—supported plant growth and/or shoot proliferation with no morphological aberrations to plants

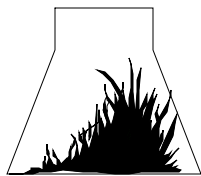
The material described in this certificate was manufactured in the United State of America and is synthetic, plant, or animal derived in nature. The animal derived material is BSE free.

Phyto Technology 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. 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: March 2008

Emily Burdick

Quality Assurance Manager



PhytoTechnology
Laboratories, LLC
Dedicated to Growth

PhytoTechnology Laboratories, LLC

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