

# CERTIFICATE OF ANALYSIS

Product Description	TERRESTRIAL (CYPRIPEDIUM) ORCHID MEDIUM CONTAINS AGAR AND 400 mg/L CALCIUM NITRATE, WITHOUT CASEIN MOTHER FLASKING MEDIUM V
Product Number	T849
Lot Number	00L84902
Storage Temperature	2-6° C
Molecular Weight	NA
Formula	NA
CAS Number	NA

## **Physiochemical Specifications:**

TEST	SPECIFICATION	RESULTS
Solubility	Partially Soluble in Water	Partially Soluble in Water
pH (28.44 g/L)	Under Development	5.31
Physical Appearance		
Color*	2153-70 (Ivory Tusk) 2146-70 to 2155-70	2151-70 (Powder Sand)
Texture	Fine to Fluffy Powder	Fine, Fluffy Powder
Solution Appearance		
Clarity	Nontransparent, Grainy	Nontransparent, Grainy
Color*	HC-15 (Henderson Buff) 2145-40 to 2151-40 or 2149-50 to 2151-50	2149-40 (Timothy Straw)
Average Time to Dissolve	Within 2 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	Cattleya Orchid	Passes—supported plant growth and/or shoot proliferation with no morphological aberrations to plants
	Oerstradella Centradenia Orchid	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 either synthetic or plant derived in nature. No animal components were used in the manufacture of this product.

**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: November 2008

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Quality Assurance Manager



PhytoTechnology  
Laboratories, LLC  
Dedicated to Growth

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