

# CERTIFICATE OF ANALYSIS

Product Description ORCHID MAINTENANCE/REPLATE MEDIUM  
CONTAINS BANANA, CHARCOAL, AND AGAR  
REPLATE MEDIUM I  
Product Number P748  
Lot Number 08M74860  
Storage Temperature 2-6° C

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Partially Soluble in Water	Passes
pH (64.31 g/L)	4.5 – 5.5	4.97
Physical Appearance Color*	2121-20, 2121-30, 2134-40, 2140-50, HC-164, HC-167, HC-169	2134-40 Gray
Texture	Fine to Grainy Powder	Fine Powder
Solution Appearance Clarity Color	Opaque, Grainy Dark Gray to Black	Opaque, Grainy Black

\* 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.	Phalaenopsis orchid	Passes
	Ascocenda orchid	Passes

The material described in this certificate was manufactured in the United States of America and is composed of synthetic, animal-, and plant-derived components. The plant-derived component of this product is a banana puree spray-dried with maltodextrin at 215° F for 15-30 seconds under high pressure. The animal-derived component is peptone originating from Bovine from the USA. The meat was hydrolyzed with a Porcine-derived enzyme obtained from animals originating in the USA. This product contains 2.0 g/L of peptone (1L = 64.31 g).

**PhytoTechnology 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. 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: December 2011



Gary Seckinger, Ph.D.



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Dedicated to Growth

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