

# CERTIFICATE OF ANALYSIS

Product Description      ORCHID SEED SOWING MEDIUM  
CONTAINS AGAR, WITHOUT CHARCOAL

Product Number        P727

Lot Number              07E72702

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 (31.74 g/L)	Under Development	5.37
Physical Appearance Color*	2154-60 (Filtered Sunlight) 2151-60 to 2155-60 or 2151-70 to 2160-70	2154-70 (Vanilla Ice Cream)
Texture	Fine to Fluffy or Grainy Powder	Fine, Grainy Powder
Solution Appearance Clarity Color*	Nontransparent, Grainy HC-11 (Marblehead Gold) HC-7 to HC-12, 2151-40 to 2154-40, or 2145-50 to 2151-50	Nontransparent, Grainy 2149-50 (Mellowed Ivory)
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
This medium is a seed sowing medium and may or may not facilitate plant growth. This product is tested with two or more plant cell lines to ensure there are no cytotoxic/phytotoxic effects.	Cattleya Orchid	Passes—supported plant growth with no morphological aberrations to plants
	Dendrobium Gonzalesii Orchid	Passes—supported plant growth with no morphological aberrations to plants

The material described in this certificate was manufactured in the United State of America and is synthetic, animal, or plant derived in nature. The meat component of this product originated in Australia, Canada, New Zealand, or the United States of America and is bovine. It was processed at 100° C and 3 psi for 5 hours and spray dried at 185° F for 10 min or it was processed at a minimum of 80° C for a minimum of 1 hour, including a minimum of 30 min at a minimum of 105° C, then dried at a minimum of 140° C. This product contains no more than 2 g/L of peptone. This 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: May 2010

*Emily Burdick*

Quality Assurance Manager



PhytoTechnology  
Laboratories, LLC  
Dedicated to Growth

### PhytoTechnology Laboratories, LLC

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