

CERTIFICATE OF ANALYSIS

Product Description ORCHID SEED SOWING MEDIUM
CONTAINS CHARCOAL AND AGAR
MOTHER FLASKING MEDIUM II

Product Number P723

Lot Number 07F72309

Storage Temperature 2-6° C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Partially Soluble in Water	Partially Soluble in Water
pH (32.74 g/L)	5.25 – 6.25	5.59
Physical Appearance Color*	2121-20 (Steel Wool) 2121-20 to 2121-40, 2124-20 to 2124-40, 2126-40, HC-165 to HC- 168, or RM-23	RM-23 (Platinum Gray)
Texture	Fluffy or Grainy Powder	Fluffy, Grainy Powder
Solution Appearance Clarity Color*	Nontransparent, Grainy 2120-10 (Jet Black) 2119-10 or 2127-10	Nontransparent, Grainy 2120-10 (Jet Black)
Average Time to Dissolve	Within 10 min	Within 5 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. Orchid seed germination/maintenance should be observed.	Cattleya Orchid	Passes—supported plant growth and/or shoot proliferation with no morphological aberrations to plants
	<i>Oerstradella centradenia</i> Orchid	Passes—supported plant growth and/or shoot proliferation with no morphological aberrations to plants

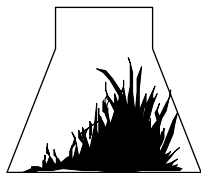
The material described in this certificate was manufactured in the United State of America and is synthetic in nature with an animal derived component. The meat component of this product originated in Australia, Canada, New Zealand, or the United States of America and is bovine. It was processed at 121° C for over 30 min. This material is BSE free.

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: June 2010

Gary Seckinger

Technical Manager



PhytoTechnology
Laboratories, LLC
Dedicated to Growth

PhytoTechnology Laboratories, LLC

Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205
Phone: 1-888-749-8682 (913-341-5343 *Outside the USA & Canada*)
Fax: 1-888-449-8682 (913-341-5442 *Outside the USA & Canada*)
Visit our Web Site at <http://www.phytotechlab.com>

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