

CERTIFICATE OF ANALYSIS

Product Description MALMGREN MODIFIED TERRESTRIAL ORCHID MEDIUM
WITHOUT SUCROSE
Product Number M551
Lot Number 11C0551014
Storage Temperature 2-6 °C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Partially Soluble in Water	Passes
pH (28.84 g/L)	3.75 – 4.75	4.38
Physical Appearance Color*	HC-166, HC-167, 2134-30, 2134-40, 2121-20, 2124-10, or 2124-20	2127-10 Black
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 orchids	Passes
	Oncidium orchids	Passes

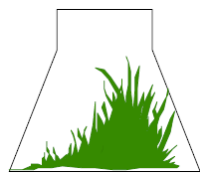
The material described in this certificate was manufactured in the United States of America and contains synthetic, plant- and animal-derived components. The plant-derived component is a pineapple puree spray-dried with maltodextrin at 215 °F for 15-30 seconds under high pressure. The animal-derived component is derived from bovine milk of New Zealand and/or Australia origin. It was hydrolyzed with a Porcine-derived enzyme of US/Canadian origin.

PhytoTechnology Laboratories® 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: March 2014



Gary Seckinger, Ph.D.



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



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