

CERTIFICATE OF ANALYSIS

Product Description MALMGREN MODIFIED TERRESTRIAL ORCHID MEDIUM
WITHOUT SUCROSE
Product Number M551
Lot Number HME0551021
Storage Temperature 2-8°C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Partially Soluble in Water	Passes
pH (28.84 g/L)	3.7 – 4.8	4.7
Physical Appearance Color*	HC-166, HC-167, 2134-30, 2134-40, 2121-20, 2124-20, 2120-10 to 2128-10	2121-10 Gray
Texture	Fine to Grainy Powder	Fine Powder
Solution Appearance Clarity Color	Opaque, Grainy Dark Gray to Black	Opaque, Grainy Black
Moisture	For Information Only	6.71%

* 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.	Cattleya	Passes
	Oncidium	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 casein from Bovine milk which hydrolyzed with a Bovine Casein-derived enzyme of New Zealand origin.

PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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.

Date of Release: 17-January-2025
Recommended Shelf-Life Date: January 2030

Prepared by: 
Alex Lambert
Lead Quality Control Laboratory Technician