CERTIFICATE OF ANALYSIS

Product Description	BM-1 TERRESTRIAL ORCHID MEDIUM, WITHOUT AGAR
Product Number	B138
Lot Number	15J0138012
Storage Temperature	2-6 ˚C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Partially Soluble in Water	Passes
pH (21.22 g/L)	4.8-5.8	5.3
Physical Appearance Color* Texture	 PM-1 to PM-4, or 2143-70 to 2148-70 Fine Powder	 PM-1 Off-White Fine Powder
Solution Appearance Clarity Color	 Clear to Slightly Hazy Slight yellow tint to light yellow with a green tint	 Clear Slight Yellow Tint
Insolubles	None to Fine	Passes-Fine
Moisture	For Information Only	0.43%

* 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 line with no morphological aberrations to plants	Habenaria	Passes
	Spathoglottis	Passes

The material described in this certificate was manufactured in the United States of America and contains synthetic and animal-derived components. The animal-derived component is casein. Casein is derived from bovine milk of New Zealand origin. It was hydrolyzed with a Bovine Casein-derived enzyme of New Zealand origin

***Phyto*Technology 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. *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: September 2018

Gary Seckinger, Ph.D.

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