

# CERTIFICATE OF ANALYSIS

Product Description BM-1 TERRESTRIAL ORCHID MEDIUM, WITHOUT AGAR  
Product Number B138  
Lot Number HRW0138016  
Storage Temperature 2-8°C

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Partially Soluble in Water	Passes
pH (21.22 g/L)	4.8-5.8	5.7
Physical Appearance Color*	PM-1 to PM-4, or 2143-70 to 2148-70	PM-1 White
Texture	Fine Powder	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	1.22%

\* 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	Oncidium	Passes
	Cattleya	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.

**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: 21-November-2025  
Recommended Shelf-Life Date: May 2028

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