CERTIFICATE OF ANALYSIS

Product Description	MURASHIGE MODIFIED FERN MULTIPLICATION BASAL MEDIUM
Product Number	M508
Lot Number	11H0508012
Storage Temperature	2-6 ˚C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Partially Soluble in Water	Passes
pH (4.66 g/L)	4.25 – 5.25	5.0
Physical Appearance Color* Texture	 2022-70 to 2026-70 Fine Powder	 2022-70 Light Yellow Fine Powder
Solution Appearance Clarity Color	 Clear to Slightly Hazy Colorless to Slight Yellow Tint	 Slightly Hazy Slight Yellow Tint
Insolubles	None to Fine	Passes--Fine
Moisture	For Information Only	2.08%

* 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	Boston Fern	Passes
	Sugar Cane	Passes

The material described in this certificate was manufactured in the United States of America and is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

***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: January 2018

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