CERTIFICATE OF ANALYSIS

Product Description	MURASHIGE & TUCKER MEDIUM
Product Number	M5525
Lot Number	SYT5525001
Storage Temperature	2-6˚C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (4.46 g/L)	Under Development	4.0
Physical Appearance		
Color*	Under Development	PM-4 White
Texture	Under Development	Fine Powder
Solution Appearance		
Color	Under Development	Clear
Clarity	Under Development	Colorless
Average Time to Dissolve	Under Development	3 min
Insolubles	Under Development	None
Moisture	For Information Only	0.95%

* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

Biological Testing:

Test Concentration:

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	Strawberry	Passes
	Tobacco Callus	Passes

The material described in this certificate was manufactured in the United States of America and is synthetic in nature. 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.**

Date of Release: 12-December-2016
Recommended Shelf Life Date: January 2020

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