

CERTIFICATE OF ANALYSIS

Product Description MURASHIGE & TUCKER MEDIUM
Product Number M5525
Lot Number HKX5525007
Storage Temperature 2-8°C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (4.46 g/L)	Under Development	4.1
Physical Appearance		
Color*	Under Development	PM-4 White
Texture	Under Development	Fine Powder
Solution Appearance		
Color	Under Development	Clear
Clarity	Under Development	Slight Yellow Tint
Average Time to Dissolve	Under Development	Passes- 3 min
Insolubles	Under Development	None
Moisture	For Information Only	0.86%
Osmolality	For Information Only	99 mOsm

* 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	Ipomea Batatas	Passes
	Xanthi 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.

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.

Product Release Date: 23-May-2022

Recommended Shelf Life Date: May 2025



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