

# CERTIFICATE OF ANALYSIS

Product Description MURASHIGE & SKOOG MODIFIED BASAL MEDIUM  
CONTAINS FeNa-EDTA, WITHOUT POTASSIUM PHOSPHATE  
Product Number M541  
Lot Number HRY0541010  
Storage Temperature 2-8°C

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (5.69 g/L)	Under Development	5.0
Physical Appearance Color*	2145-70 to 2151-70 or 2149-60 to 2154-60	2151-70 Light Tan
Texture	Fine Powder	Fine Powder
Solution Appearance Clarity Color	Clear Light Yellow to Yellow with a Green Tint	Clear Light Yellow
Average Time to Dissolve	For Information Only (Approx. 30 min)	Passes
Insolubles	None	Passes
Moisture	For Information Only	2.83%
Osmolality	For Information Only	94 mOsm

\* 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	Ajuga	Passes
	Hosta	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 hydrolyzed casein from bovine milk originating in New Zealand. It was hydrolyzed with a Porcine-derived enzyme of US 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: 07-February-2022  
Recommended Shelf Life Date: February 2025



David Hart  
Technical Director

**PhytoTech Labs Inc.**  
14610 W 106<sup>TH</sup> St. Lenexa, KS 66215  
Phone: 1-888-749-8682 or 1-913-341-5343  
Fax: 1-888-449-8682 or 1-913-341-5442  
Phytotechlab.com