

# CERTIFICATE OF ANALYSIS

Product Description LINSMAIER & SKOOG MODIFIED BASAL MEDIUM  
w/ 30 g/L SUCROSE & 7 g/L AGAR  
PH ADJUSTED AND BUFFERED  
Product Number L452  
Lot Number HHE0452011  
Storage Temperature 2-8°C

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Partially Soluble in Water	Passes
pH (42.53 g/L)	5.5 – 5.8	5.7
Physical Appearance Color* Texture	2145-70 to 2152-70 Fine Powder	2145-70 Off-White Fine Powder
Solution Appearance Clarity Color	Translucent, Grainy Off-White with a Tan to Light- Green Cast	Translucent, Grainy Off-White with a Tan Cast
Moisture	For Information Only	2.40%

\* 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	Xanthi Tobacco Callus	Passes
	African Violet	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.

**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: 29-April-2024  
Recommended Shelf-Life Date: April 2029



David Hart  
Technical Director