

# CERTIFICATE OF ANALYSIS

Product Description MUSA (BANANA) MULTIPLICATION MEDIUM  
IITA FORMULATION  
Product Number M462  
Lot Number SMR0462017  
Storage Temperature 2-8°C

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Partially Soluble in Water	Passes
pH (36.36 g/L)	3.7 – 4.7	4.3
Physical Appearance Color*	PM-1 to PM-4, or 2143-70 to 2148-70	PM-4 White
Texture	Fine Powder	Fine Powder
Solution Appearance Clarity Color	Translucent Off-White	Translucent Off-White
Moisture	For Information Only	1.20%

\* 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	Banana	Passes
	Tobacco Callus	Passes

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

**PhytoTechnology 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. PhytoTechnology 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: 19-February-2018  
Recommended Shelf Life Date: February 2021



David S. Hart  
Technical Director



PhytoTechnology  
Laboratories®  
Dedicated to Growth

### **PhytoTechnology Laboratories®**

Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205  
Phone: 1-888-749-8682 (1-913-341-5343 *Outside the USA & Canada*)  
Fax: 1-888-449-8682 (1-913-341-5442 *Outside the USA & Canada*)  
Visit our Web Site at <http://www.phytotechlab.com>

