

CERTIFICATE OF ANALYSIS

Product Description	Murashige and Skoog Vitamin Powder Mixture (1000X) [Powdered]
Product Number	M 533
Lot Number	00L53303
Storage Temperature	0-5° C
Molecular Weight	NA
Formula	NA
CAS Number	NA

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Complies
Physical Appearance	White to Off White Fine Powder	Off White Fine Powder
Solution Appearance	Clear Colorless	Clear Colorless
Average Time to Dissolve	1 min	1 min
Precipitation Formation	None	None

Biological Testing:

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultures	Boston Fern	Passes—supported plant growth and/or shoot proliferation with no morphological aberrations to plants
	Hosta	Passes—supported plant growth and/or shoot proliferation with no morphological aberrations to plants

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

***Phyto* Technology Laboratories, LLC 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.**

Laura L. Williams

Quality Control Technician