

CERTIFICATE OF ANALYSIS

Product Description MURASHIGE & SKOOG MODIFIED BASAL MEDIUM
CONTAINS FeNa-EDTA, WITHOUT POTASSIUM PHOSPHATE
Product Number M541
Lot Number 07A54103
Storage Temperature 2-6° C
Molecular Weight NA
Formula NA
CAS Number NA

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Soluble in Water
pH (5.69 g/L)	Under Development	4.98
Physical Appearance Color*	2146-70 (Bavarian Cream) 2145-70 to 2151-70 or 2149-60 to 2154-60	2151-60 (Linen Sand)
Texture	Fine to Fluffy Powder	Fine Powder
Solution Appearance Clarity Color*	Clear Slight Yellow Tint to 2024-60 to 2028-60	Clear 2025-60 (Lemon Glow)
Average Time to Dissolve	Within 15 min	Within 7 min
Precipitation Formation	None	None

* 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 cultures	Syngonium	Passes—supported plant growth and/or shoot proliferation with no morphological aberrations to plants
	Xanthi Tobacco	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 synthetic, plant, or animal derived in nature. The animal derived material is BSE free.

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.

Recommended Shelf Life Date: January 2010

Emily Burdick

Quality Assurance Manager



PhytoTechnology
Laboratories, LLC
Dedicated to Growth

PhytoTechnology Laboratories, LLC

Mailing Address: P.O. Box 13481, Shawnee Mission, KS 66282-3481
Phone: 1-888-749-8682 (913-341-5343 *Outside the USA & Canada*)
Fax: 1-888-449-8682 (913-341-5442 *Outside the USA & Canada*)
Visit our Web Site at <http://www.phytotechlab.com>

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