

CERTIFICATE OF ANALYSIS

Product Description	Agar, Bacteriological
Product Number	A 296
Lot Number	03D29622
Storage Temperature	Room Temperature
Molecular Weight	NA
Formula	NA
CAS Number	9002-18-0

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Partially Soluble in Water	Complies
pH (8.00 g/L)	6.0-8.0	7.69
Physical Appearance Color*	2151-50 (Bronzed Beige) 2149-50 to 2152-50, 2150-60, or HC-29	2151-60 (Linen Sand)
Texture	Grainy Powder	Grainy Powder
Solution Appearance	Nontransparent, Grainy 2150-50 (Hampton Green) HC-2, HC-15, or 2149-50	Nontransparent, Grainy 2150-50 (Hampton Green)
Particle Size	60-140 mesh	80-150 mesh
Moisture	7-8%	10.0%
Total Ash	Less Than 6.5%	3.0%
Gelling Point	32-37° C	35° C
Melting Point	85-89° C	87° C
Clarity	8-7	8.0

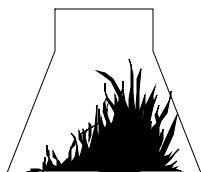
* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

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	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 either synthetic or plant derived in nature. No animal components were used in the manufacture of this product. The banana used in this product is a banana puree spray-dried with maltodextrin at 215° F for 15-30 seconds under high pressure.

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.



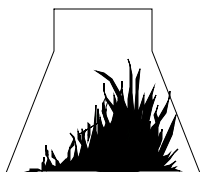
PhytoTechnology
Laboratories, LLC
Dedicated to Growth

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>

Laura L. Williams

Quality Control Technician



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