

CERTIFICATE OF ANALYSIS

Product Description AGAROSE, HIGH GELLING TEMP
Product Number A110
Lot Number 07L11003
Storage Temperature Room Temperature
Formula $(C_{12}H_{14}O_5(OH)_4)_n$
CAS Number 9012-36-6

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water Heated to Boiling	Passes
pH (7.00 g/L)	Under Development	7.08
Physical Appearance Color*	RM-1 (Super White) RM-1 to RM-3 or RM-31	RM-1; White
Texture	Fine Powder	Fine Powder
Solution Appearance After Heating	Under Development	Clear Colorless
Insolubles	None	Passes
Gel Strength	> 800 g/cm ²	1066 g/cm ²
Gel Temperature	For Information Only	41.5° C
Water Content (by Karl Fischer)	For Information Only	5.2%

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

Biological Testing:

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product is commonly used as a means of support in plant tissue culture. This product is tested with two or more tissue cultured plant lines to ensure proper gelling, support, and no phytotoxic impurities.	Boston Fern	Passes
	Ajuga	Passes

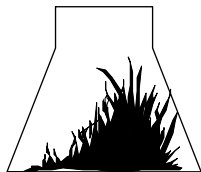
The material described in this certificate was manufactured in the United States of America and is plant-derived in nature; it was manufactured from seaweed. No animal-derived components were used in the manufacture of this product.

PhytoTechnology 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. 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.

Recommended Shelf Life: November 2012



Gary Seckinger, Ph.D.



PhytoTechnology
Laboratories, LLC
Dedicated to Growth

PhytoTechnology Laboratories, LLC

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