

# CERTIFICATE OF ANALYSIS

Product Description AGAROSE, LOW GELLING TEMP (26-29°C)  
Product Number A1315  
Lot Number 16D1315009  
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	6.3
Physical Appearance Color* Texture	Under Development Fine Powder	PM-4 Fine Powder
Solution Appearance After Heating Clarity Color	Clear Colorless	Clear Colorless
Insolubles	None	Passes
Gel Formation	Forms Gel When Suspended in Appropriate Solvent and Heated to Boiling	Passes
Gelling Temperature	For Information Only	28.5°C
Moisture	For Information Only	7.1%
Gel Strength	Under Development	267 g/cm <sup>2</sup>

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

## Biological Testing:

Test Concentration: 10.0 g/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product is tested with two or more plant cell lines to ensure proper gelling, support, and that there are no phytotoxic effects that would cause morphological aberrations to plants.	Royal Frost Birch	Passes
	Blackberry	Passes

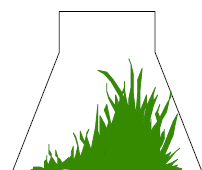
The material described in this certificate is derived from seaweed. No animal- components were used in the manufacture of this product.

**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.**

Recommended Shelf Life Date: May 2024



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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