

CERTIFICATE OF ANALYSIS

Product Description AGARGELLAN™
Product Number A133
Lot Number 14M0133038
Storage Temperature Room Temperature

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Partially Soluble to Soluble in Water Heated to Boiling	Passes
pH (4.50 g/L)	5.5 – 9.0	5.6
Physical Appearance Color* Texture	2148-70 to 2160-70 Fine to Coarse Powder	2155-70 Cream Coarse Powder
Solution Appearance After Heating Clarity Color	Clear to Slightly Hazy Colorless to Light Tan	Slightly Hazy Light Tan
Insolubles	None	Passes
Gel Formation	Forms Gel When Suspend in Appropriate Solvent and Heated to Boiling	Passes

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

Biological Testing:

Test Concentration: 4.5 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 impurities that would cause morphological aberrations to plants.	Tobacco callus	Passes
	Sugarcane	Passes

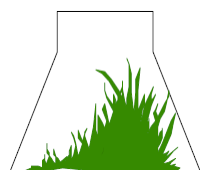
The material described in this certificate was manufactured in the United States of America and contains synthetic and plant (seaweed)-derived components. No animal-derived components were used in the manufacture of this product.

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: December 2022



Gary Seckinger, Ph.D.



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