

# CERTIFICATE OF ANALYSIS

Product Description	AGAR, PLANT TC
	MICROPROPAGATION GRADE - GELIDIUM
Product Number	A296
Lot Number	SQS0296126
Storage Temperature	Room Temperature
CAS Number	9002-18-0

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water Heated to Boiling	Passes
pH (8.00 g/L)	6.5 – 10.5	6.9
Physical Appearance		
Color*	2152-70 to 2156-70, 2149-60 to 2155-60, 2151-50 to 2152-50, or HC-6	2154-70 Cream
Texture	Fine to Coarse Powder	Fine Powder
Solution Appearance After Heating		
Clarity	Clear to Slightly Hazy	Clear
Color	Light Tan to Light Gray-Green	Light Tan
Insolubles	None	Passes
Gel Formation	Forms Gel When Suspended in Appropriate Solvent and Heated to Boiling	Passes
Gel Strength	Minimum 700 g/cm <sup>2</sup>	960 g/cm <sup>2</sup>
Compression Break Force Test	Force Gauge Measurement (g/cm <sup>2</sup> ) For Information Only	163.5 g/cm <sup>2</sup>

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

## Biological Testing:

Test Concentration: 8.0 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 impurities that would cause morphological aberrations to plants.	Begonia	Passes
	Perilla Fantasy	Passes

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

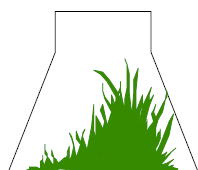
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Recommended Shelf Life Date: April 2025



David S. Hart  
Technical Director



### **PhytoTechnology Laboratories®**

Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205

Phone: 1-888-749-8682 (1-913-341-5343 Outside the USA & Canada)

Fax: 1-888-449-8682 (1-913-341-5442 Outside the USA & Canada)

Visit our Web Site at <http://www.phytotechlab.com>

