

# CERTIFICATE OF ANALYSIS

Product Description AGAR, PLANT TC  
MICROPROPAGATION GRADE - GELIDIUM  
Product Number A296  
Lot Number SNS0296125  
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 Color	Clear to Slightly Hazy Light Tan to Light Gray-Green	Clear 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.

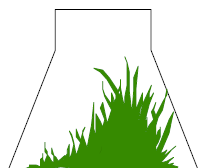
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Date of Release: 21-March-2017

Recommended Shelf Life Date: March 2025



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