

CERTIFICATE OF ANALYSIS

Product Description	AGAR, PLANT TC MICROPROPAGATION GRADE - GELIDIUM
Product Number	A296
Lot Number	ARR0296139
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)	6.0 – 10.5	7.3
Physical Appearance Color*	2152-70 to 2156-70, 2149-60 to 2155-60, 2151-50 to 2152-50, or HC-6	HC-6 Tan
Texture	Fine to Coarse Powder	Fine Powder
Solution Appearance After Heating Clarity Color	Clear to Slightly Hazy Light Tan to Light Gray-Green	Slightly Hazy Light Grey-Green
Insolubles	None	Passes
Gel Formation	Forms Gel When Suspended in Appropriate Solvent and Heated to Boiling	Passes
Gel Strength	Minimum 700 g/cm ²	930 g/cm ²
Compression Break Force Test	Force Gauge Measurement (g/cm ²) For Information Only	180 g/cm ²

* 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
	Sugar Cane	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.

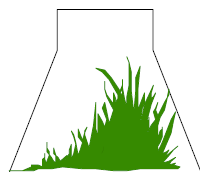
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Date of Release: 12-November-2018

Recommended Shelf Life Date: November 2026



David S. Hart
Technical Director



PhytoTechnology
Laboratories®

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>