

CERTIFICATE OF ANALYSIS

Product Description AGAR, PLANT TC
 PURIFIED GRADE - GELIDIUM
Product Number A175
Lot Number STS0175073
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)	5.7 – 8.8	5.7
Physical Appearance Color* Texture	2146-70 to 2154-70 Fine to Coarse Powder	2153-70 Cream Fine Powder
Solution Appearance After Heating Clarity Color	Clear to Slightly Hazy Colorless to Light Tan	Slightly Hazy Light Tan
Insolubles	None	Passes
Gel Strength	Minimum 700 g/cm ²	960 g/cm ²
Gel Formation	Forms Gel When Suspended 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: 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.	Ajuga	Passes
	Begonia	Passes

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

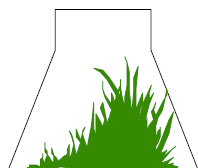
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Date of Release: 01-September 2017

Recommended Shelf Life Date: September 2025



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