

CERTIFICATE OF ANALYSIS

Product Description AGAR, PLANT TC
PURIFIED GRADE - GELIDIUM
Product Number A175
Lot Number AGR0175078
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 | 7.6 |
| Physical Appearance Color* Texture | 2146-70 to 2154-70 Fine to Coarse Powder | 2152-70 Light Cream Fine Powder |
| Solution Appearance After Heating Clarity Color | Clear to Slightly Hazy Colorless to Light Tan | Slightly Hazy Colorless |
| 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. | African Violet | Passes |
| | Kalanchoe | Passes |

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

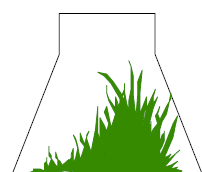
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Date of Release: 23-August-2018

Recommended Shelf Life Date: August 2026



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