

# CERTIFICATE OF ANALYSIS

Product Description      AGAROSE, LOW GELLING TEMP (26-29°C)  
Product Number         A1315  
Lot Number                AAK1315010  
Storage Temperature    Room Temperature  
Formula                    (C<sub>12</sub>H<sub>14</sub>O<sub>5</sub>(OH)<sub>4</sub>)<sub>n</sub>  
CAS Number              9012-36-6

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water Heated to Boiling	Passes
pH (7.00 g/L)	Under Development	7.9
Physical Appearance Color* Texture	Under Development Fine Powder	PM-1 White Fine Powder
Solution Appearance After Heating Clarity Color	Clear Colorless	Clear Colorless
Insolubles	None	Passes
Gel Formation	Forms Gel When Suspended in Appropriate Solvent and Heated to Boiling	Passes
Gelling Temperature	For Information Only	27.0°C
Gel Strength	Under Development	222 g/cm <sup>2</sup>

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

## Biological Testing:

Test Concentration: 10.0 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 effects that would cause morphological aberrations to plants.	African Violet	Passes
	Strawberry	Passes

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

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Date of Release: 3-July-2019

Recommended Shelf Life Date: July-2027



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