

CERTIFICATE OF ANALYSIS

Product Description AGAROSE, LOW GELLING TEMP (26-29°C)
 Product Number A1315
 Lot Number 15B1315008
 Storage Temperature Room Temperature
 Formula $(C_{12}H_{14}O_5(OH)_4)_n$
 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	6.0
Physical Appearance		
Color*	Under Development	PM-4 White
Texture	Fine Powder	Fine Powder
Solution Appearance After Heating		
Clarity	Clear	Clear
Color	Colorless	Colorless
Insolubles	None	Passes
Gel Formation	Forms Gel When Suspended in Appropriate Solvent and Heated to Boiling	Passes
Gelling Temperature	For Information Only	29.0 C
Moisture	For Information Only	6%
Gel Strength	Under Development	277 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 effects that would cause morphological aberrations to plants.	Achimenes	Passes
	African Violet	Passes

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

PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories® 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.

Recommended Shelf Life Date: March 2023



Gary Seckinger, Ph.D.



PhytoTechnology
Laboratories®
Dedicated to Growth

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>



Created on 6 April 2015 JN