

CERTIFICATE OF ANALYSIS

Product Description AGAROSE
Product Number A110
Lot Number ATK0110010
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	6.7
Physical Appearance Color* Texture	PM-1 to PM-3 Fine Powder	PM-1 Off White Fine Powder
Solution Appearance After Heating Clarity Color	Clear to Slightly Hazy Colorless	Clear Colorless
Insolubles	None	Passes
Gel Formation	Forms Gel When Suspended in Appropriate Solvent and Heated to Boiling	Passes
Gel Strength (1.5%)	Minimum 800 g/cm ²	1000 g/cm ²
Gelling Temperature (1.5%)	For Information Only	36.0 °C
Sulfate	For Information Only	0.10%

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

The material described in this certificate is derived from marine algae (seaweed). No animal-derived 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: 15-November-2019
Recommended Shelf Life Date: November-2027



David S. Hart
Technical Services Manager

PhytoTech Labs Inc.
14610 W 106TH St. Lenexa, KS 66215
Phone: 1-888-749-8682 or 1-913-341-5343
Fax: 1-888-449-8682 or 1-913-341-5442
Phytotechlab.com