

# CERTIFICATE OF ANALYSIS

Product Description CARRAGEENAN, HIGH CLARITY  
KAPPA TYPE  
Product Number C2000  
Lot Number 15C2000012  
Storage Temperature Room Temperature  
CAS Number 9000-07-1

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water Heated to Boiling	Passes
pH (10.00 g/L)	Under Development	9.5
Physical Appearance		
Color*	2148-70 to 2154-70, 2151-60 to 2154 -60	2152-70 Cream
Texture	Fine Powder	Fine Powder
Solution Appearance After Heating		
Clarity	Clear	Clear
Color	Slight Yellow Tint	Slight Yellow Tint
Insolubles	None	Passes
Gel Strength	Minimum 800 g/cm <sup>2</sup>	1192 g/cm <sup>2</sup>
Moisture %	For Information Only	
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 SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants	Cape Primrose	Passes
	Tobacco Callus	Passes

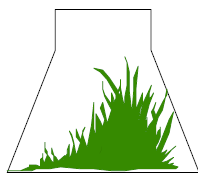
The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

**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



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