

# CERTIFICATE OF ANALYSIS

Product Description	CARRAGEENAN, HIGH CLARITY KAPPA TYPE
Product Number	C2000
Lot Number	SSS2000018
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	9.1
Physical Appearance		
Color*	2152-70 to 2158-70, 2152-60 to 2158 -60	2153-70 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>	1064 g/cm <sup>2</sup>
Moisture %	For Information Only	10%
Gel Formation	Forms Gel When Suspended in Appropriate Solvent and Heated to Boiling	Passes
Compression Break Force Test	Force Gauge Measurement (g/cm <sup>2</sup> ) For Information Only	106 g/cm <sup>2</sup>

\* 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	Coreopsis	Passes
	Kalanchoe	Passes

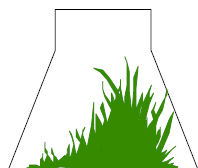
The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

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Date of Release: 21 Jun 2017  
Recommended Shelf Life Date: June 2025



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