



Tilley Distribution, Inc.  
631 Moosehead Trail  
Waldo, ME 04915

# Certificate Of Analysis

**CARRAGEENAN S-100 - SIGC**

**LOT# 240222-C**

11527-03-FBAGA

**EU CAS#:** 9000-07-1

**US CAS#:** 9000-07-1

## Product Details

SHELF LIFE (Days)	730	MANUFACTURE DATE	2/22/2024
ANALYSIS DATE	3/19/2024	RECOMMENDED RETEST DATE	2/21/2026

## Specifications

Test/Property	Specification	Result
GEL STRENGTH 0.5% MILK GEL STRENGTH, 10°C	20 - 60 G/CM2	45 G/CM2
WATER VISCOSITY 1.5% CARRAGEENAN WATER VISCOSITY, 75°C	20 - 60 CPS	26 CPS
POWDER COLOR VISUAL INSPECTION	CREAM TO LIGHT TAN	CREAM
POWDER THRU 80 MESH POWDER PARTICLE SIZE DETERMINATION	90 - 100 %	99 %
PH PH DETERMINATION, 1.0%	8.0 - 11.0	9.5
MOISTURE FCC	0.0 - 12.0 %	10.0 %
TOTAL PLATE COUNT	0 - 5000 CFU/G	1200 CFU/G
MOLDS AND YEASTS	0 - 100 CFU/G	30 CFU/G
COLIFORMS	0.00 - 10.00 CFU/G	CONFORMS
E.COLI	NEGATIVE	CONFORMS
SALMONELLA	NEGATIVE IN 25G	CONFORMS
STAPHYLOCOCCUS AUREUS	NEGATIVE	CONFORMS
LISTERIA MONOCYTOGENES	NEGATIVE	CONFORMS

## Stability and Storage Conditions

STORE SEALED BAG IN A COOL, DRY ENVIRONMENT

## COMMENT

MANUFACTURED BY: SEMBERG - MANDAUE CITY, CEBU, PHILLIPPINES

**Quality Manager:**  
Colleen Raven

*Colleen Raven*

**Spec ID.** STD  
**Ver. #** 0  
**Ver. Date** 10/16/2024