



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

# Certificate Of Analysis

CARRAGEENAN MBF-69 - TBK

LOT# 240519-C

11521-01-FBAGA

EU CAS#: 9000-07-1

US CAS#: 9000-07-1

## Product Details

SHELF LIFE (Days)	730	MANUFACTURE DATE	5/19/2024
ANALYSIS DATE	7/23/2024	RECOMMENDED RETEST DATE	5/19/2026

## Specifications

Test/Property	Specification	Result
BRINE GEL STRENGTH 1.0% CARRAGEENAN BRINE GEL STRENGTH	250 - 450 G/CM2	302 G/CM2
BRINE SWELLING 1.5% CARRAGEENAN BRINE SWELLING	THROUGH 100M	63 %
NITROGEN FROM NITRITES QUALITATIVE NITRITES DETERMINATION	≤ 1.5PPM	CONFORMS
POWDER COLOR VISUAL INSPECTION	CREAM TO LIGHT TAN	CREAM
POWDER THRU 170 MESH POWDER PARTICLE SIZE DETERMINATION	90 - 100 %	99 %
PH PH DETERMINATION, 1.0%	8.0 - 11.0	9.4
MOISTURE FCC	0.0 - 12.0 %	4.4 %
ORGANOLEPTIC ODOR OLFACTORY ASSESSMENT	CHARACTERISTIC	CONFORMS
TOTAL PLATE COUNT	0 - 5000 CFU/G	4450 CFU/G
MOLDS AND YEASTS	0 - 100 CFU/G	75 CFU/G
COLIFORMS	0 - 10 CFU/G	CONFORMS
E.COLI	NEGATIVE	CONFORMS
SALMONELLA	NEGATIVE IN 25G	CONFORMS
STAPHYLOCOCCUS AUREUS	NEGATIVE	CONFORMS
LISTERIA MONOCYTOGENES	NEGATIVE	CONFORMS

Quality Manager:  
Colleen Raven

*Colleen Raven*

Spec ID. STD  
Ver. # 1  
Ver. Date 10/14/2024

## Specifications

Test/Property	Specification	Result
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### Stability and Storage Conditions

STORE SEALED BAG IN A COOL, DRY ENVIRONMENT

### COMMENT

MANUFACTURED BY: TBK - LEYTE, PHILLIPPINES

**Quality Manager:**  
**Colleen Raven**

*Colleen Raven*

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**Spec ID.** STD  
**Ver. #** 1  
**Ver. Date** 10/14/2024