



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

Certificate Of Analysis

CARRAGEENAN SI-100 - SHEMBERG

LOT# W1023-2

11529-01-FBAGA

EU CAS#: 9000-07-1

US CAS#: 9000-07-1

Product Details

SHELF LIFE (Days)	730	MANUFACTURE DATE	9/10/2023
ANALYSIS DATE	10/18/2023	RECOMMENDED RETEST DATE	9/10/2025

Specifications

Test/Property	Specification	Result
GEL STRENGTH 0.5% MILK GEL STRENGTH, 10°C	30 - 60 G/CM2	51 G/CM2
WATER VISCOSITY 1.5% CARRAGEENAN WATER VISCOSITY, 75°C	20 - 75 CPS	50 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	8.2
MOISTURE FCC	0.0 - 12.0 %	10.0 %
TOTAL PLATE COUNT	0 - 5000 CFU/G	100 CFU/G
MOLDS AND YEASTS	0 - 100 CFU/G	10 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: SHEMBERG - CARMEN, CEBU, PHILLIPPINES

Quality Manager:
Colleen Raven

Colleen Raven

Spec ID. STD
Ver. # 1
Ver. Date 9/4/2024