

11529-01 CARRAGEENAN SI-100

CERTIFICATE OF ANALYSIS

LOT# S2524-1

Product Details			
MANUFACTURE DATE	6/25/2024	SHELF LIFE (Days)	730
ANALYSIS DATE	8/16/2024	RECOMMENDED RETEST DATE	6/25/2026

Specifications		
Test / Property	Specification	Result
0.5% Milk Gel Strength	30 – 60 g/cm ²	47 g/cm ²
1.5% Water Viscosity	20 – 75 cps	49 cps
Powder Color	Cream to Light Tan	Cream
Powder Particle Size	≥ 90% Pass Through 80 Mesh	99%
Moisture	≤ 12%	10.0%
pH	8.0 – 11.0	8.3
Total Plate Count	≤ 5000 cfu/g	100 cfu/g
Molds and Yeasts	≤ 100 cfu/g	10 cfu/g
Coliforms	≤ 10 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 Biotech – Carmen, Cebu, Philippines

Colleen Raven

Colleen Raven
Quality Manager

Issue Date: March 19, 2025

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