



Product Specification:

OV-000-070-D-G

Source:

Chicken Eggshell Membrane

Physical Description:

Odorless, water soluble, off white powder.

TEST	RANGE	METHOD
Chemistry:		
Total Protein	≥ 85.00%	Combustion
Collagen	≥ 20.00%	Sircol™ Soluble Collagen Assay
Elastin	≥ 20.00%	Fastin™ Elastin Assay
Hyaluronic Acid	≥ 1.0%	Carbazole Assay ¹
Microbiology:		
Aerobic Plate Count	≤ 400 cfu / g	CMMEF, 4 th Ed., 2001, Method 7.6
Escherichia coli	≤ 3 MPN / g	FDA BAM 8 th Ed., ch. 4
Salmonella	Negative / 25g	PCR
Coliforms	≤ 3 MPN / g	FDA BAM 8 th Ed., ch. 4
Bacillus cereus	≤ 3 MPN / g	FDA BAM 8 th Ed., ch. 14
Staphylococcus aureus	≤ 10 cfu / g	FDA BAM 8 th Ed., ch. 12
Mesophilic Spore count	≤ 10 cfu / g	AACC 4240
Thermophilic Spore count	≤ 5 cfu / 10g	AACC 4240
Yeast	≤ 10 cfu / g	AACC 9 th Ed., 42-50
Mold	≤ 10 cfu / g	AACC 9 th Ed., 42-50
Physical:		
pH	6.5-7.6	10% @ 25°C
Ash	≤ 9.00%	AOAC 942.05
Moisture	≤ 6.00%	AOAC 934.01
Water Activity	0.08-0.12	Vapor pressure @ 25°C
Solubility	Soluble in water	10.0% sol. @ 25°C

****For Manufacturing or Research Use Only****

¹ Cesaretti, M., et. al; (2003). A 96 well assay for uronic acid carbazole reaction. Carbohydrate Polymers, 54:59-61.

Vyse Gelatin Company reserves the right to change specifications in the interest of continued quality improvement.