



Renova Technologies, LLC
Pet Food Ingredient Specification Sheet
ReOvo™ Eggshell Membrane Collagen Powder™, Pasteurized

General Description: Renova Eggshell Membrane Collagen Powder™ is derived from whole eggshells that have been milled, dried, and separated to remove most of the shell or calcium carbonate that exists in whole eggshell.

Ingredient Listing: Egg Shell Meal

RENOVA Item No: ReOvo™210

Country of Origin: USA

Country where Manufactured: USA

Shelf Life: Shelf life of this product is 24 Months from manufacture date if stored in original packaging in cool, dry conditions. After 24 months, the product may be retested, at the customer's expense, to potentially elongate shelf life if the product meets all specifications.

Allergen Information: Contains Egg

Carriers, Preservatives, Flow Agents: None

Pasteurization Process: Heat treatment

TEST	SPECIFICATION	METHOD
IDENTITY and PHYSICAL PROFILE		
Appearance	Free-flowing powder	Visual Inspection
Color	Off-white powder	Visual Inspection
Aroma	Typical of Eggshell	Organoleptic
Flavor	Typical of Eggshell	Organoleptic
Particle Size	≤1680 micron	Sieving-gravimetry
Bulk Density- Packed	≤1.0 g/ml	ASTA 25.0
CHEMICAL CHARACTERISTIC (as-is basis)		
Moisture	≤8% (max)	AOAC 930.15 (Forced Draft Oven)
Calcium	≤20% (max)	AOAC 927.02
Collagen	≥2% (min)	AOAC 982.30 mod.
Protein	≥50% (min)	AOAC 990.03
Crude Fat	≥2% (min)	AOAC 920.39
MICROBIOLOGICAL		
Total Aerobic Plate Count	<1000 cfu/g	AOAC 966.23
Mold	<100 cfu/g	AACC 42-50
Yeast	<100 cfu/g	AACC 42-50
<i>E.coli</i>	<10 cfu/g	AOAC 991.14
<i>Salmonella</i> spp.	Non-detect/25 g	AOAC-RI 121501
Total Coliform	<100 cfu/g	AOAC 991.14
<i>Staphylococcus aureus</i>	<10 cfu/g	BAM Chapter 12
<i>Listeria monocytogenes</i>	Non-detect/25 g	AOAC-RI 080901
OTHER TESTS		
Foreign Matter	Less than 2%	Visual Inspection

Dated Updated: 1-22-2026

Authorized Signature and Date: *Justavo Martinez* 1-22-2026

Packaging: 46" x 38" x 36" triple wall octagon bulk bins lined with 51" x 49" x97" 4 mill gusseted bags.

Storage and Temperature: Prolonged storage at high temperatures or in high humidity environments may reduce the functional shelf life of this product. It is recommended that the product be stored in a cool, dry environment.

Allergen Statement: Contains Egg

Non-GMO Declaration: According to the USDA, eggs are not genetically modified (GM), or bioengineered food. This includes shell eggs and eggs used for processed egg products. Renova Eggshell Membrane Collagen Powder™ conforms to this statement and is not a genetically modified food product.

Labeling of Ingredient: The following information shall be included on the shipping ingredient label- Ingredient Name/Item #, Lot Number, Net Weight, Number of Boxes or Pieces.

Approval: RENOVA Product Specification Sheet – Information contained here is proprietary and confidential and should not be used, reproduced, or shared with any third party without RENOVA's expressed written approval.

Continual Quality Guarantee: All Eggshell Membrane Powder sold by RENOVA shall meet these specifications unless an explicit written waiver is provided by RENOVA.