

**18G13 Specification & Product Description Sheet**  
**Mahogany™**

**Introduction**

NITTA CASINGS® Edible Collagen Casings are uniform sanitary tubular casings made of reconstituted bovine collagen and other food-grade ingredients.

NITTA CASINGS® Edible Collagen Casings are manufactured by Nitta Casings Inc., 141 Southside Avenue, Bridgewater, New Jersey, U.S.A. and are accepted by the USDA for use in federally inspected establishments.

The ingredients used are subject to regulations by the Food and Drug Administration (FDA) where collagen is received from the U.S., U.K. and New Zealand sources.

NITTA CASINGS® are hereby guaranteed to have been produced from the hides of bovine origin from countries of negligible and controlled risk for BSE.

Mahogany™ casing series is artificially colored using natural and artificial colorants.

Content of the package and strand dimensions

Strands		Box		Case	
Feet	50	Strands	32	Boxes	12
Shirred length [in]	10	Feet	1,600	Strands	384
Meters	15.24	Meters	487.7		
Fill Caliber (± .5mm)	18 mm				
Max Recommended Horn Size	12 mm				
End Closure	Open				

**Composition**

A product contains the following ingredients which are listed in the order of their predominance in the product:

- Collagen
- Cellulose
- Water
- Glycerin
- Oil (Vegetable)
- Sodium Carboxymethylcellulose
- Caramel
- Annatto Extracts
- FD&C Red #3

**Microbiological Standards**

- Aerobic Plate Count: <10/g
- Coliforms: < 3/g
- Mold Count: < 10/g
- E.Coli: negative in 10g

**Pathogen Standards**

- Listeria: negative in 25 g
- Salmonella: negative in 25 g

**Storage conditions and shelf life**

NITTA CASINGS® Edible Collagen Casings should be stored in a cool, dry location at 40-70°F. The box over-wrap should not be unsealed until the casing is ready to be used. Likewise, any casing that is leftover to be used at a later time should be resealed to retain proper moisture levels. If the box is properly sealed and maintained in optimal conditions, the shelf-life of the product is two (2) years.

**GMO Statement**

To the best of our knowledge and provided documentation by our vendors, collagen material, glycerin, cellulose, CMC (Cellulose gum) and oil used in our casing manufacturing do not contain genetically modified organisms (GMOs).

**Processing Information**

Casing can be processed in an oven or smokehouse.