

# Pet Food Solutions from TIC Gums



Whether you are looking to create a new pet food product or get back to the basics with a reformulation, TIC Gums can offer technical solutions combined with texture and stabilization expertise to make formulating simple. Our solutions offer a wide array of benefits, including upfront and end viscosity, thickness and suspension, as well as gelling and binding capabilities. From a canned loaf to a tasty treat, the Gum Gurus® are standing by to provide innovative solutions that meet your formulation and stabilization needs.

## Pet Food Applications

### Canned Loaf and Paté

**Definition:** A soft, wet pet food in a loaf shape with a high water content and a heat treated preservation method

**Formulation Challenges Solved:** Optimizes viscosity, prevents fat and water separation, provides structure and gelling capabilities

**Common Packaging:** Metal cans, foil top containers, plastic trays



### Gravies, Stews & Broths

**Definition:** A formed meat or protein pieces with a thickened sauce

**Formulation Challenges Solved:** Provides upfront and end viscosity control, provides thickness and suspension, hydrates quickly and consistently

**Common Packaging:** Metal cans, foil top containers, single use and resealable pouches, paper cartons



### Treats, Biscuits & Bars









**Definition:** A flavored, baked or extruded dough or bar cut into a variety of shapes and sizes

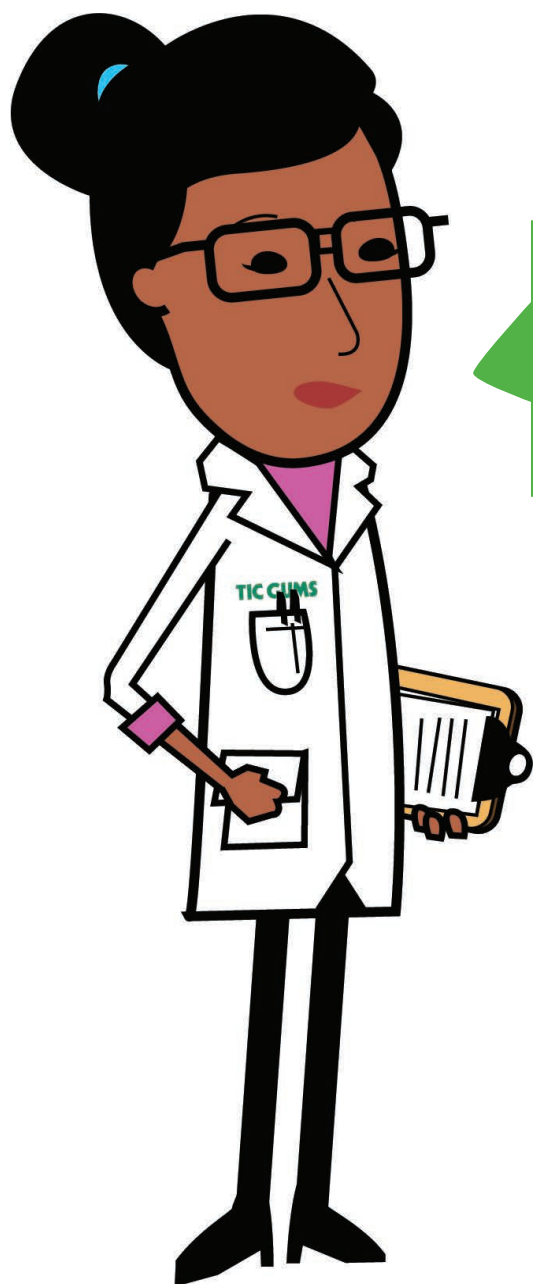
**Formulation Challenges Solved:** Provides structure, hardness and binding capabilities, enables adhesion, provides coating and film forming properties

**Common Packaging:** Resealable pouches, buckets, boxes, bags



## Pet Food Solutions from TIC Gums

| Application Options   | Recommended TIC Gums Product        | Non-GMO | Non-GMO Project Verified | Value and Functionality  |
|---|-------------------------------------|---------|--------------------------|--|
|   | GuarNT® USA 8/22                    | •       | •                        | Provides thickening & suspension- both upfront and final; offers excellent moisture retention, Pre-Hydrated® version available for quicker hydration |
|   | GuarNT USA Flavor Free 5000         | •       | •                        | Provides thickening & suspension- both upfront and final; offers excellent moisture retention; flavorless and odorless                               |
|   | Ticaxan® Xanthan NGMO               | •       | •                        | Provides thickening & suspension, aids in cling to meat pieces, offers excellent moisture retention  |
|   | Ticaloid® 620                       | •       |                          | Provides gelling capabilities, minimizes fat/water separation, provides moisture retention and helps hold shape                                      |
|   | Ticaloid 825                        | •       |                          | Provides gelling capabilities, offers moisture retention   |
|   | Ticaloid 8090 S                     | •       | •                        | Provides upfront and end viscosity, forms a firm set and helps hold shape, excellent binding capabilities, retort stable                             |
|   | Action Gum 8200                     |         |                          | Provides thickening & suspension, helps hold shape, excellent binding capabilities, holds up to high heat  |
|  | TIC Pretested® Gum Arabic SF Powder | •       | •                        | Offers excellent binding properties, enables coating of flavors and adhesion of particulates, provides film forming properties                       |



Need help with your pet food application? Our Gum Gurus® are here to help!

**Call:** (800) 899-3953

**Chat:** [ticgums.com/chat](https://ticgums.com/chat)