



Ingredion™

## VITESSENCE® TEX Granules 103 70000901

VITESSENCE® TEX Granules 103 textured protein is a structured vegetable protein produced through extrusion.

### Chemical and Physical Properties

|                 | Min. | Max. |
|-----------------|------|------|
| Moisture, %     |      | 10.0 |
| Protein, % d.b. | 65   |      |

### Screen Test

|                           | Target |
|---------------------------|--------|
| % on 6.3mm                | 0      |
| % thru 0.841 mm (20 mesh) | 20     |

### Physical Appearance/Sensory

|        | Typical                                       |
|--------|---|
| Color  | Light tan                                     |
| Form   | Granule                                       |
| Flavor | Typical of pea protein without any off flavor |

### Microbiological Limits

|                            | Max.     |
|----------------------------|----------|
| Aerobic Plate Count, cfu/g | 10,000   |
| Yeast, cfu/g               | 200      |
| Mold, cfu/g                | 200      |
| <i>E. coli</i>             | Negative |
| <i>Salmonella</i>          | Negative |

### Nutritional Data/100 g

|                            | Typical |
|----------------------------|---------|
| Calories                   | 343     |
| Calories from fat          | 52      |
| Total Fat, g               | 5.8     |
| Saturated Fat, g           | 1.1     |
| Trans Fat, g               | 0.03    |
| Cholesterol, mg            | 0       |
| Sodium, mg                 | 541     |
| Total Carbohydrate, g      | 20      |
| Total Dietary Fiber*, g    | 12.3    |
| Insoluble Dietary Fiber, g | 10.4    |
| Soluble Dietary Fiber, g   | 1.9     |
| Total Sugars, g            | 1.7     |
| Added Sugars, g            | 0       |
| Other Carbohydrate, g      | 6.0     |
| Protein, g                 | 64      |
| Vitamin D, mcg             | 0       |
| Calcium, mg                | 116     |
| Iron, mg                   | 12.8    |
| Potassium, mg              | 1,250   |
| Ash, g                     | 4.7     |

\*The dietary fiber was measured using AOAC 991.43 method. When using the AOAC 2011.25, the relevant values are:

Total Dietary fiber: 19.9

Soluble fiber: 12.3

Insoluble fiber: 7.6

Other carbohydrate: 0

Calories: 333

### Certification

Kosher pareve  
Halal

### Packaging and Storage

10 kg, 15 kg bag in a box

It is recommended that product be stored at a maximum of 25°C and a maximum of 65% relative humidity.

### Shelf Life

The best before date for VITESSENCE® TEX Granules 103 textured protein is 2 years from the date of production.

### Regulatory Data

Source Yellow peas

### United States

FDA Regulation 21CFR170.30 (GRAS)  
Labeling Pea protein

### Canada

CFDA Regulation Unstandardized Foods  
Labeling Pea protein

### Features and Benefits

VITESSENCE® TEX Granules 103 textured protein is recommended to replace wheat flour breadcrumbs in coatings and other applications. It also increases protein content in formulations by providing 65% protein (dry basis). VITESSENCE® TEX Granules 103 can be used as a low carb, high protein, gluten-free breadcrumb replacement that delivers:

- Light, crispy texture
- Improved hold time
- Golden color

VITESSENCE® TEX Granules 103 textured pea protein is a non-GMO and gluten-free alternative to textured products containing major allergens like wheat and soy.

Supplemental Nutritional Data available upon request.

Effective Date: August 29, 2022

Next Review Date: August 29, 2025

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provisional technical specification