



VITESSENCE® Pulse 3600 Faba Bean Protein

VITESSENCE® Pulse 3600 Protein is a faba (or fava) bean protein which is the mechanically milled and processed portion of the dehulled split faba (or fava) bean cotyledons of sound, healthy, dry and clean faba (or fava) beans (*Vicia faba*).

Chemical and Physical Properties

| | Min. | Max. |
|----------------|------|------|
| Moisture % | | 10.0 |
| Protein % d.b. | 60.0 | |
| Starch % d.b. | 4.0 | |
| Granulation % | | |
| Thr USSS #200 | 90.0 | |

Certification

Kosher
Halal

Packaging and Storage

VITESSENCE® Pulse 3600 Faba Bean Protein is packaged in multi ply kraft paper bags. It should be stored at 25°C and less than 65% relative humidity.

Microbiological Statement

Raw agricultural product that has not been subjected to a post milling lethality step. This is not a ready-to-eat product and must be processed at conditions sufficient to ensure food safety.

Shelf Life

The best before date for VITESSENCE® Pulse 3600 Faba Bean Protein is 24 months from the date of manufacture.

Microbiological Limits

| | Max. |
|----------------------------|---------|
| Aerobic Plate Count, cfu/g | 500,000 |
| Yeast & Mold, cfu/g | 2,000 |

While the information below is typical of the product, it should not be considered a specification.

Physical Appearance

| | Typical |
|---------|------------------------------|
| Colour | Pale cream, grey |
| Form | Powder |
| Odour | Typical of faba bean protein |
| Flavour | Typical of faba bean protein |

Regulatory Data

| | |
|-----------|-------------------|
| Source | Faba bean |
| Labelling | Faba bean protein |

Nutritional Data/100g

| | Typical |
|-----------------------|---------|
| Calories, Kcal | 311 |
| Calories from Fat | 34 |
| Total Fat, g | 3.8 |
| Saturated Fat, g | 0.7 |
| Trans Fat, g | 0 |
| Cholesterol, mg | 0 |
| Sodium, mg | 16 |
| Total Carbohydrate, g | 25.1 |
| Dietary Fiber, g | 13.6 |
| Total Sugars, g | 1.6 |
| Added Sugars, g | 0 |
| Other Carbohydrate, g | 9.9 |
| Protein, g | 57.7 |
| Vitamin D, mcg | 0 |
| Calcium, mg | 114 |
| Iron, mg | 6.8 |
| Potassium, mg | 2100 |
| Ash, g | 6 |

* Not present in level of quantification

Features and Benefits

VITESSENCE® Pulse 3600 protein concentrate is a faba (or fava) bean protein concentrate which can be used to increase protein content of different formulations including beverages, bakery, and snacks. It can be used to eliminate and/or reduce eggs in dressing, pasta and batters, and breadings applications. It can be used to eliminate and/or reduce other proteins sources in the formula i.e. dairy, soy, whey and animal.

Effective Date: December 2, 2021

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