



### HEALTH CLAIMS/FSANZ

(based on a 20g serve)

- Good source of protein which contributes to the growth and maintenance of muscle mass and of normal bones, as well as tissue building and repair
- Good source of iron, magnesium, phosphorus and zinc
- Low in sugars

### FEATURES

- Alternative plant-based source of quality protein
- 100% natural, plant-based wholefood
- North American grown Faba Beans used
- Contains an abundant of micronutrients such as calcium, iron, zinc and magnesium, vitamin E etc
- Smooth texture with great taste

### PRODUCT CATEGORIES

- Immune Health
- Digestive Health
- Energy

### PRODUCT APPLICATIONS

- Functional beverages
- Formulated meal replacements
- Snack foods
- Bakery foods

**This Faba Bean Protein Powder** is made from North American (Canada, USA) grown faba beans, with an impressive minimum protein content of 90% (dry basis). Faba Bean (*Vicia faba*), alternatively known as Fava or Broad Bean, is renowned for its nutritional richness, encompassing high protein levels, ample fibre, and essential nutrients such as iron and folate. This ingredient is an ideal alternative to Pea or Rice Protein for a plant-based protein source of exceptional quality and sustainability. The Faba Bean Protein Powder is less grainy and more pleasant to the palate, making it suitable in combination with other plant-based proteins in any recipe.

### SPECIFICATIONS

#### Physical & Chemical Characteristics

Particle Size	98% through 100mesh
Moisture	≤ 10.0%
Protein (dry basis)	≥ 90%
Ash	≤ 6%
pH	6.0-8.0
As	≤ 0.5ppm
Cd	≤ 0.1ppm
Pb	≤ 0.5ppm
Hg	≤ 0.1ppm

#### Microbiological

Total Plate Count	≤ 30,000cfu/g
Yeast & Mould	≤ 100 cfu/g
<i>E.coli</i>	Negative/g
<i>Salmonella</i>	Negative/375g
<i>Staphylococcus aureus</i>	Negative/25g
<i>Listeria monocytogenes</i>	Negative/25g

### OTHER CHARACTERISTICS

Appearance	Grey colour fine powder
Taste	Characteristic of faba beans
Certification	BRC; Halal; Kosher;
Allergens	Free from input of GMO, dairy, soy, gluten, additives & carriers
Safety	Food grade, suitable for human consumption
Best Before	Best Before 24 months stored in original sealed bag <25°C (protect from air & direct sunlight)
Packaging	20kg poly bag; 600kg/pallet

### TYPICAL DATA (All Figures Based on Independent Analysis)

#### Labelling

Faba Bean Protein; Fava Bean Protein; Broad Bean Protein

#### Nutritional Labelling per 100g (Typical Composition)

Energy	1820kJ
	435kcal
Protein (on dry basis)	90g
Carbohydrates	0.5g
	sugars – 0.1g
Dietary fibre	0g
Fats	total – 8.0g
	saturated – 1.8g
	monounsaturated – 2.1g
	polyunsaturated – 4.1g
Sodium	408mg
Iron	21.5mg
Magnesium	94mg
Potassium	98mg
Phosphorus	750mg
Zinc	13.1mg

#### Amino Acid Profile (Quantity (g/100g product))

Isoleucine*	4.11
Leucine*	7.79
Lysine	6.19
Methionine	0.59
Phenylalanine	4.58
Threonine	3.41
Tryptophan	0.89
Valine*	4.5
Arginine	8.74
Cystein+Cystine	0.86
Glutamic acid	16.4
Histidine	2.54
Proline	4.62
Tyrosine	3.35
Alanine	3.81
Aspartic acid	10.6
Glycine	3.77
Serine	4.97

\*Branch Chain Amino Acids (BCAA), total 16.40g/100g product

Australian and New Zealand Distribution:

PHYTO THERAPY

Carbon certified by:

