



HEALTH CLAIMS

FSANZ pre-approved claims based on a 30g serving:

- Provides a good source of protein which is necessary for tissue building and repair;
- Contributes to the growth and maintenance of muscle mass;
- Contributes to the maintenance of normal bones
- Provides a good source of phosphorus which is necessary for normal energy metabolism

HEALTH RELATED

- Health Star Rating = 5
- Complete whole protein
- Full essential amino acid spectrum as recommended by WHO
- Bioavailable protein
- Nourishing Canadian Golden Peas

FEATURES

- Plant based wholefood
- Low allergen
- Low environmental impact
- Free from GMO, dairy, soy, additives

PRODUCT CATEGORIES

- Protein powders
- Protein balls
- Pre-workout / Post-workout
- Bones / Menopause formulas
- Joint health

Conventional PhytoPea is a plant-based source of protein with a full spectrum amino acid profile. Our PhytoPea is manufactured using quality Canadian yellow peas. It has a natural flavour making it appropriate for application in food products including protein shakes, formulated meal replacements and food products.

SPECIFICATIONS

Chemical

Protein (%) (based on D.M)	≥ 80.0
Moisture (%)	≤ 10.0
Ash (%)	≤ 8.0
Particle Size	>90% pass through 100 mesh

Microbiological

Total Plate Count	≤ 30,000/g
Salmonella	Absent/25g
Staphylococcus aureus	Absent/25g

OTHER CHARACTERISTICS

Taste	Neutral
Colour	Cream
Certification	BRC, Kosher, Halal
Allergens	Free from GMO, dairy, soy, additives, gluten (<5 ppm LOD)
Safety	Food Grade, suitable for human consumption
Shelf Life	2 years in original sealed bag <25°C
Packaging	20kg bag PE liner

EMISSIONS PROFILE

Carbon Emissions	2.3 kg CO ₂ -e/kg
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**The health claims available for these ingredients are dose related. If you are unsure, please seek regulatory advice to ensure compliance.*

TYPICAL DATA (All Figures Based on Independent Analysis)

Nutritional Characteristics:

Nutritional Characteristics: Amino Acid content (100g protein powder) * BCAAs

Essential Amino Acids

Isoleucine*	3.92
Leucine*	7.22
Lysine	6.15
Methionine	0.78
Phenylalanine	4.59
Threonine	3.02
Tryptophan	0.73
Valine*	4.13

Cond. Essential Amino Acids Present

Arginine	✓
Cystine	✓
Glutamic acid	✓
Histidine	✓
Proline	✓
Tyrosine	✓

Non-Essential Amino Acids

Alanine	✓
Asparatic acid	✓
Glycine	✓
Serine	✓
*BCAAs	15.27%

Labelling

Pea protein

Nutritional Labelling per 100g

Energy	1711kJ
	409kcal
Proteins (on dry basis)	81.2g
Carbohydrates	total – 3.6g
	sugars – 0.8g
	dietary fibre – 1.8g
Fats	total – 9.7g
	saturated – 2.2g
	trans – <0.1g
	unsaturated – 7.5g
	Cholesterol 0.0g
Sodium	1430mg
Phosphorus	969mg
Magnesium	68mg

Australian and New Zealand Distribution:

PHYTO  THERAPY

Carbon certified by:

