



HEALTH CLAIMS

Pre-approved FSANZ Health Claims

- Provides a good source of protein per 30g serve which contributes to the growth and maintenance of muscle mass and normal bones as well as tissue building and repair
- Provides a good source of phosphorus with 30g serve
- Low in saturated fatty acids
- Low in sodium

HEALTH RELATED

- Complete whole protein
- Complete amino acid profile
- Bioavailable protein
- Contains dietary fibre
- Low in sugar
- Contains trace minerals such as calcium, iron, zinc and manganese

FEATURES

- Clinically proven to be nearly 3x more bioavailable than standard pea protein
- Clinically proven to increase Leucine, BCAA and EAA bioavailability versus whey and versus standard pea
- Faster Recovery
- Reduced stomach discomfort
- Optimal absorption
- Increased muscle strength
- Neutral taste
- Canadian golden peas
- Low allergen
- Contains trace minerals such as calcium, iron, zinc and manganese
- ACO Certified Organic
- Free from GMO, dairy, soy and additives
- 100% natural, plant-based wholefood

PRODUCT CATEGORIES

- Protein powders
- Pre-workout
- Muscle recovery
- Fibre and Digestion
- Weight Management

ioPea™ protein powder uses natural atmospheric plasma technology known as Ingredient Optimized®. This clinically proven process is applied to our organic Sprouted Fermented Pea protein sourced from Canadian Golden Peas. Ingredient Optimized® alters the protein structure, increasing the surface area for improved digestion and 300% better absorption⁽¹⁾. This advanced process also produces a smooth, pleasant-tasting ioPea™ protein powder.

SPECIFICATIONS

Physical

Protein (%) (based on D.M)	≥ 80.0
Moisture (%)	≤ 10.0
Ash (%)	≤ 8.0
Total Heavy Metals (ppm)	<10
Pesticides (ppm)	<1
Gluten residue (ppm)	<5

Microbiological

Total Plate Count	≤ 15,000 cfu/g
Yeast & Mould	≤ 50 cfu/g
<i>Escherichia coli</i>	<10 cfu/g
<i>Salmonella</i>	Absent/25g
<i>Staphylococcus aureus</i>	Absent/25g

OTHER CHARACTERISTICS

Taste	Characteristic of Pea Protein
Colour	Cream
Certification	ACO
Allergens	Free from input of GMO, dairy, soy, gluten, additives & carriers
Safety	Food Grade, suitable for human consumption
Shelf Life	2 years in original sealed bag <25°C
Packaging	20kg PE bag in paper-plastic bag

EMISSIONS PROFILE

Carbon Emissions	2.3 kg CO2-e/kg
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PLEASE NOTE: Variations in natural ingredients may occur. Phyto-Therapy makes no guarantee that these results will accurately reflect the values of individual lots. We recommend customers to conduct own analysis of any finished product if required in compliance to the regulatory requirements



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TYPICAL DATA (All Figures Based on Independent Analysis)

Nutritional Characteristics:

Amino Acid content (g/100g protein) *
BCAAs

Essential Amino Acids

Isoleucine*	3.79
Leucine*	6.55
Lysine	5.75
Methionine	0.76
Phenylalanine	4.23
Threonine	2.71
Tryptophan	0.68
Valine*	4.00

Cond. Essential Amino Acids

Arginine	6.44
Cystine	0.60
Glutamic acid	12.84
Histidine	1.86
Proline	3.31
Tyrosine	2.59

Non-Essential Amino Acids

Alanine	3.03
Aspartic acid	8.72
Glycine	3.00
Serine	3.88
*BCAAs	14.34%

Labelling

ioPea™

Nutritional Labelling per 100g

Energy	1740kJ
	416kcal
Proteins (on dry basis)	81.7g
Carbohydrates	total – 4.4g
	sugars – 1.7g
	dietary fibre – 3.9g
Fats	total – 9.9g
	saturated – 2.4g
	trans – <0.1g
	monounsaturated – 2.6g
	polyunsaturated – 5.0g
	Cholesterol 0.0g
Sodium	1390mg
Phosphorus	969mg
Magnesium	68mg

Australian and New Zealand Distribution: