

ProNex™ Organic Pea Protein 80 (100 mesh)

Product Code:	NX0 4258
Product Description:	ProNex™ Organic Pea Protein 80 (100 mesh) is a product with excellent fat/water binding and dispersion properties. This product is extracted from Canadian yellow pea (<i>Pisum sativum</i> L, with plant part used as seeds) and has high nutritional value.
Ingredients:	Organic Pea protein
Allergen:	US labelling – None Canadian labelling - None Please refer to Product Allergen Sheet.
Application / Dosage:	Food industry in general, meat processing products, soy alternative
Country of Origin:	China
Packaging:	The product is packaged in 20 kg multi-level kraft paper bag.
Storage:	Product should be stored hermetically in a cool dry environment. Temperature below 25 °C (77°F) and relative humidity below 65%.
Shelf Life:	Product should be used in rotation, preferably within 24 months from date of production under recommended storage conditions.

Physical and Chemical Specifications

Appearance	Light cream, yellowish powder
Odour	Characteristic
Flavour	Characteristic
Particle size	95 % pass100 mesh
Protein (Dry basis)(%)	≥80
pH	7-7.8
Moisture (%)	≤8
Ash (%)	≤8
Fat (%)	≤8
Gluten (ppm)	< 20
Soy (ppm)	< 10

Nutritional per 100g

Calories (kcal)	382
Total Fat (g)	7.6
Saturated Fat (g)	2
Polyunsaturated Fat (g)	3.2
Monounsaturated Fat (g)	2.2
Trans Fat (g)	0.19
Cholesterol (mg)	ND*
Sodium (mg)	680
Carbohydrates (g)	7.2
Dietary Fiber (g)	5.4
Soluble dietary fiber (g)	0.1
Insoluble dietary fiber (g)	5.1
Sugar (g)	0
Added Sugar (g)	0
Protein (g) (dry basis)	82.8
Potassium (mg)	105.92
Calcium (mg)	291.9
Iron (mg)	26.90
Vitamin A (µg)	ND*
Vitamin D (µg)	ND*
Vitamin C (mg)	0.3
Moisture (g)	6.83
Ash (g)	4.6

Amino Acids Content (g/100 g)

Aspartic acid	8.57
Threonine	2.81
Serine	3.91
Glutamic acid	13.58
Proline	3.33
Glycine	2.92
Alanine	3.44
Valine	4.22
Methionine	0.78
Isoleucine	3.80
Leucine	6.53
Tyrosine	2.27
Phenylalanine	4.39
Histidine	2.19
Lysine	6.03
Arginine	6.69
Cystine	0.72
Tryptophan	0.71

Nutritional values are typical and not analyzed every lot. These values are from a combination of calculations and analytical data.

Microbiological Specifications


Total Plate Count (cfu/g)	≤10000
Yeast & Mould (cfu/g)	≤150
Total coliforms (cfu/g)	<10
E.coli (cfu/g)	<10
Staphylococcus (cfu/g)	<10
Salmonella (cfu/25g)	Negative
Listeria monocytogenes (cfu/25g)	Negative
B.cereus (cfu/g)	≤100
Bile Tolerant Gram Neg Bacteria (Enterobacteriaceae) (cfu/g)	≤1000

Regulatory Compliance

Kosher Certificate	Yes
Non-GMO	Yes
Gluten-free (<20 ppm)	Yes

Heavy Metal Specifications

Arsenic (ppm)	≤ 0.5
Lead (ppm)	≤1
Cadmium (ppm)	≤0.1
Mercury (ppm)	≤0.1

Approved by:	 Julie Néron R&D/QA Director	Issued Date: 30/04/2015	Version: 017
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