

ProNex™ Mung Bean Protein 80 (100 mesh)

- Product Code:** NX 3920
- Product Description:** ProNex™ Mung Bean Protein 80 (100 mesh) has good gelling, solubility and emulsibility properties. The product has high viscosity and water retention capacity with clean taste. The product has no allergens and is Soy-free.
- Ingredients:** Mung Bean Protein
- Allergen:** **US labelling** – None
Canadian labelling - None
 Please refer to Product Allergen Sheet.
- Application / Dosage:** Vegan meat, RTD beverage, smoothies and shakes, soup and yogurt.
- Country of Origin:** China
- Packaging:** The product is packaged in 20 kg (44.09 lbs) food grade paper bags with inner PE bag.
- Storage:** Product should be stored hermetically in a cool dry environment, away from sunlight. 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 yellow powder
Odour	Characteristics
Flavour	Characteristics
Particle size (%)	≥98% 100 mesh
Bulk Density (kg/l)	0.4±0.1
pH	7.0- 8.0
Protein (%) (dry basis)	Min 80
Moisture (%)	Max 8
Ash (%)	Max 8
Crude Fiber (%)	Max 5
Fat (%)	Max 3
Soy (ppm)	<2.5

Nutritional per 100g

Calories (kcal)	380
Total Fat (g)	5.82
Saturated Fat (g)	2.31
Trans Fat (g)	0
Carbohydrates (g)	6
Crude Fiber (g)	0.8
Sugar(g)	0
Added Sugars (g)	0
Protein (g) (dry basis)	80
Protein (g) (as is)	76
Cholesterol (mg)	0
Sodium (mg)	700
Potassium (mg)	110
Calcium (mg)	53
Iron (mg)	11
Vitamin A (ug)	0
Vitamin C (mg)	0
Vitamin D (ug)	0

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)	≤100
Coliform (MPN/g)	≤0.3
E.coli (cfu/g)	<10
Salmonella (/375 g)	Negative

Heavy Metal Specifications


Arsenic (ppm)	≤0.2
Cadmium (ppm)	≤0.2
Lead (ppm)	≤0.2
Mercury (ppm)	≤0.2

Amino Acids Content (g/100 g)

Alanine	3.35
Arginine	5.63
Aspartic acid	8.74
Glutamic acid	13.52
Glycine	2.74
Histidine	2.25
Isoleucine	3.86
Leucine	7.17
Lysine	5.54
Phenylalanine	5.19
Proline	3.31
Serine	4
Threonine	2.48
Tyrosine	2.65
Valine	4.39
Cystine	0.82
Methionine	1.31
Tryptophan	0.74

Regulatory Compliance

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

Approved by:	 Julie Néron R&D/QA Director	Issued Date: 23/01/2019	Version: 004
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