

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:** 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 | Without any off-odor |
| Flavour | Without any off-odor |
| Protein (%) (dry basis) | ≥80 |
| Moisture (%) | ≤8 |
| Ash (%) | ≤8 |
| Particle size (% pass through 100 Mesh) | ≥98 |
| Bulk Density (Kg/L) | 0.36±0.1 |
| pH | 6-8 |
| Soy (ppm) | <2.5 |

Nutritional per 100g

| | |
|-------------------------|------|
| Calories (kcal) | 377 |
| Total Fat (g) | 5.48 |
| Saturated Fat (g) | 2.41 |
| Trans Fat (g) | 0 |
| Cholesterol (mg) | 0 |
| Sodium (mg) | 800 |
| Total Carbohydrates (g) | 10 |
| Dietary Fiber (g) | 6 |
| Sugar(g) | 0 |
| Added Sugars (g) | 0 |
| Protein (g) (As is) | 75 |
| Vitamin A (IU) | 0 |
| Vitamin C (mg) | 0 |
| Calcium (mg) | 46 |
| Vitamin D (mcg) | 0 |
| Potassium (mg) | 46 |
| Iron (mg) | 12 |

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) | Negative |
| E.coli (cfu/g) | Negative |
| Salmonella (/25g) | Negative |

Heavy Metal Specifications


| | |
|---------------|------|
| Arsenic (ppm) | ≤0.2 |
| Cadmium (ppm) | ≤0.1 |
| Lead (ppm) | ≤0.2 |
| Mercury (ppm) | ≤0.2 |

Amino Acids Content (g/100 g)

| | |
|---------------|-------|
| Aspartic acid | 9.52 |
| Glutamic acid | 14.55 |
| Serine | 4.36 |
| Histidine | 2.47 |
| Glycine | 2.79 |
| Threonine | 2.61 |
| Arginine | 5.75 |
| Alanine | 3.37 |
| Tyrosine | 2.44 |
| Cysteine | 0.45 |
| Valine | 4.53 |
| Methionine | 1.13 |
| Phenylalanine | 5.41 |
| Isoleucine | 3.80 |
| Leucine | 6.95 |
| Lysine | 5.94 |
| Tryptophan | 0.74 |
| Proline | 3.56 |

Regulatory Compliance

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

| | | | |
|--------------|---|--------------------------|-----------------|
| Approved by: |  Julie Néron R&D/QA Director | Issued Date: 01/23/2019 | Version: 007 |
| | | Revised Date: 07/25/2024 | |

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