

## ProNex™ Organic Brown Rice Protein 80 (300 mesh)

- Product Code:** NXO 4412
- Product Description:** ProNex™ Organic Brown Rice Protein 80 (300 mesh) is an ideal plant protein containing all the essential amino acids. The product is originated from the plant *Oryzasativa* and is an excellent addition to products where a suspension is required such as beverages and other applications where the lack of texture is required. ProNex™ Organic Brown Rice Protein 80 (300 mesh) is used as a protein enhancer.
- Ingredients:** Organic Brown Rice protein
- Allergen:** **US labelling** – None  
**Canadian labelling** - None  
 Please refer to Product Allergen Sheet.
- Application:** Beverages, nutritional drinks, bar production and baked goods.
- Country of Origin:** China
- Packaging:** The product is packaged in 20 kg (44.09 lb) Kraft bags.
- 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 beige- beige fine powder
Odour	Characteristics
Flavour	Characteristics
Protein (%) (dry basis)	≥80
Moisture (%)	≤ 6
Ash (%)	≤ 5
pH (% in water)	6.0-7.5
Fat (%)	≤7
Gluten (ppm)	<20
Total Aflatoxin (ppb)	≤ 10

**Nutritional per 100g**

Calories (kcal)	413
Total Fat (g)	5.9
Saturated Fat (g)	2.8
Trans Fat (g)	0
Cholesterol (mg)	0
Sodium (mg)	147
Total Carbohydrates (g)	8.8
Dietary Fiber (g)	3.7
Sugar(g)	0
Added Sugars (g)	0
Protein (g) (As is)	81.2
Vitamin A (IU)	0
Vitamin C (mg)	0
Calcium (mg)	31
Vitamin D ( mcg)	0
Potassium (mg)	4.21
Iron (mg)	4.78

*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 (cfu/g)	≤100
E.coli (cfu/g)	≤10
Salmonella (/375g)	Negative
Staphylococcus aureus (cfu/25g)	Negative
Bacillus cereus (cfu/g)	≤10
Listeria (/125g)	Negative

**Heavy Metal Specifications**


Arsenic (ppm)	≤0.25
Cadmium (ppm)	≤0.30
Lead (ppm)	≤0.30
Mercury (ppm)	≤0.20

**Amino Acids Content (g/100 g)**

Aspartic acid	6.85
Glutamic acid	13.6
Serine	3.96
Histidine	1.75
Glycine	3.27
Threonine	2.70
Arginine	6.29
Alanine	4.23
Tyrosine	4.21
Cysteine	1.85
Valine	4.57
Methionine	2.20
Phenylalanine	4.21
Isoleucine	3.00
Leucine	6.32
Lysine	2.27
Tryptophan	1.14
Proline	3.50

**Regulatory Compliance**

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

Approved by:	 Julie Néron R&D/QA Director	Issued Date: 04/16/2018	Version: 011
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