

## DATA SHEET INCA INCHI® PROTEIN POWDER

Made with selected premium  
Sacha Inchi seeds



### PRODUCT DESCRIPTION:

Inca Inchi protein powder is a natural organic product without additives, obtained from a rigorous Plukenetia Volubilis Linneo seeds selection, commonly named Sacha Inchi, with an industrial mechanical process of grinding and extruding without solvents or chemicals, in which the shell and part of the oil have been removed; Due to its nature, it does not contain anti-nutritional factors, that's why refining is not required.



Inca Inchi organic protein powder has a functionality that allows to enrich a large variety of food products, with protein: dairy, meat, flour and pasta, texture and stabilize emulsions, it hydrates easily, forming gels and emulsions that resist a wide range of thermal treatments, even in presence of salt.

GENERAL

PROPERTIES



## REPRESENTATIVE ANALYSIS %

Dry base Protein, min. >62.00

Moisture, max. 6.90

Fat  
%Omega 3: 3.5%  
%Omega 6: 1.8%  
%Omega 9: 0.7%  
6.18

Fiber 4.14

Carbohydrates 20

Ashes 5.45

Calories by ration (Kcal/100) 415

## PHYSICAL PROPERTIES

Colour Cream

Taste Neutral

PH 6.47

Particle size 80 -100 Mesh

## BACTERIOLOGICAL QUALITY

Mesophilic organisms <10,000/g

Salmonella Negative

E. Coli (NMP/g) Negative

Fungus and yeasts (UFC/g) <100

The essential amino acids can not be produced by the body. Consequently, they must come from food

## NUTRITIOUS QUALITY

Non essential amino acids are the amino acids which the body can synthesize without requiring direct intake in a diet

## AMINO ACID COMPOSITION (gm/100 gm Protein)

### Essentials:

|              |     |
|--------------|-----|
| Isoleucine   | 5.0 |
| Leucine      | 6.4 |
| Lisine       | 4.3 |
| Metionine    | 1.2 |
| Fenilalanine | 2.4 |
| Treonine     | 4.3 |
| Triptofan    | 2.9 |
| Valine       | 4.0 |
| Histidine    | 2.6 |

### Non Essentials:

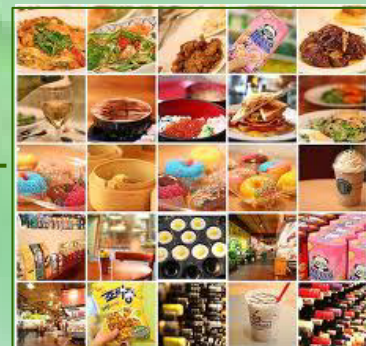
|            |      |
|------------|------|
| Alanine    | 3.6  |
| Cisteine   | 2.5  |
| Asparagine | 11.1 |
| Glutamine  | 13.3 |
| Glicine    | 11.8 |
| Proline    | 4.8  |
| Serine     | 6.4  |
| Tirosine   | 5.5  |
| Arginine   | 5.5  |

Inca Inchi protein powder is a high quality vegetable protein with a soft taste, easily digested by kids and adults; Due to its high digestibility index it surpasses traditional proteins. It has an excellent composition of essential and non-essential amino acids, complete profile and with high percentages of the most valuable ones. In its natural composition, it contains omega 3 which is very important to ensure good cardiovascular function and microcirculation in the brain.



## Usages

Organic Inca Inchi powder can be mixed with milk, juices, smoothies, shakes, yogurt, soups and oatmeal, among others it can be used as a gastronomic ingredient for vegetarian meats, veggie burgers, soups, snacks, flakes and bakery industry to enrich with high quality vegetable protein.





## Presentations: with Inca Inchi brand or private label

Protein powder, packaged:

- Zipper bags of 50 grs., 250 grs., 500 grs.
- Food jars of 2 kilograms net weight
- Double corrugated carton box of 20 kilos containing 4 bags of 5 kilos net weight



## Instructions

Suggested daily dose 50 gr.

## Ingredients

100% organic  
Sacha Inchi selected  
seeds





## Storage

Store with a temperature not higher than 18° C (64 ° F) and 60% of relative humidity, in a dry and cool place to preserve its shelf life and to maintain good taste and quality

## Bulk packaging and Transport

| DESCRIPTION                            |              | AMOUNT      | WEIGHT (Kg) | DIMENSIONS CMTS. |
|----------------------------------------|--------------|-------------|-------------|------------------|
| INCA INCHI POWDER PER BOX              | Net weight   | 1           | 20          |                  |
| EMPTY BOX                              |              | 1           | 0.75        | 19X40X50         |
| INCA INCHI POWDER AND BOX WEIGHT       | Gross weight | 1           | 20.75       |                  |
| EMPTY PALLET                           |              | 1           | 25          | 110X120X15       |
| INCA INCHI POWDER PER PALLET           | Net weight   | 1           | 1,200       |                  |
| INCA INCHI POWDER AND BOXES PER PALLET |              | 60 Boxes    | 1,245       | 110X120X200      |
| INCA INCHI POWDER, BOXES AND PALLET    | Gross weight | 1           | 1,270       | 110x120x200      |
| INCA INCHI POWDER PER CONTAINER OF 20' | Net weight   | 600 Boxes   | 12,000      |                  |
| PALLETS PER CONTAINER OF 20'           | Gross weight | 10 Pallets  | 12,700      |                  |
| INCA INCHI POWDER PER CONTAINER OF 40' | Net weight   | 1,200 Boxes | 24,000      |                  |
| PALLETS PER CONTAINER OF 40'           | Gross weight | 20 Pallets  | 25,400      |                  |

BOXES



PALLETS



CONTAINER



## Certifications

