

Sorghum

Product Details:

Sorghum in its various varieties used for human consumption, both for food and for production of alcoholic beverages and feed in the production of fodder or feed.

Applications:

Flour

Current use: (traditional bread) Bakery, beverages (soft drinks and porridges).

Potential Use: Snacks, drinks, pasta, breakfast cereals, etc..

Bran

Current use: Concentrated for animals

Potential use: Manufacture of bread with dietary fiber, developing nutritional supplements with fiber, antioxidant compounds extraction.

Components

Nutrient	Content %
Carbohydrates (g)*	75,0
Proteins (g) *	10,0
Fats (g)*	02,7
Fiber (mg)*	02,2
Calcium (mg)*	22,0
Iron (mg)*	03,8
Phosphorus (mg)*	24,2
Sodium (mg)*	08,0
potassium (mg)*	44,0
Zinc*	01,5
Vitamin Bb1 - Thiamine*	0,33
Vitamin B2 - Riboflavin*	0,18
Vitamin B3 – Niacin*	03,9

* Average values

Storage

On deposit in cool, dry place with adequate ventilation.

Packaging

In bags of 50 kg

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Other considerations

Proteins are complex organic compounds made of amino acids. These exist in proportions characteristics for each particular protein. The total content of essential and semi-essential amino acids are the following: (percent)

Lysine	02,4
Threonine	03,3
Valine	04,8
Isoleucine	03,8
Leucine	13,3
Tyrosine	01,8
Phenylalanine	04,9
Tryptophan	01,0
Methionine	01,2

*Recommended by the F.A.O. amino acid composition protein balance in the human diet.

Method of analysis

Ash

Máx.: 1,5 % on a dry product

AOAC 923.03/ICC 104/1 (1990) - Determination method ash in cereals and cereal-based products (Incineration at 900°C) (Method of type I); - o -ISO 2171:1980 Cereals, pulses and derived products

Proteín (N x 6,25)

Mín.: 7,0 % on a dry product

ICC 105/1 (1986) Determination method crude protein in cereals and cereal-based products for human food and animal feed, using catalyst selenium / copper (Method of type I) - o -ISO 1871:1975

Fat

Máx.: 4,0 % on a dry product

AOAC 945.38F; 920.39C- o -ISO 5986:1983 - Forages - Determination of diethyl ether extract.

Crude Fiber

ICC 113 Determination of crude fiber (Type I) - o -ISO 6541 (1981) Agricultural food products - Determination of crude fiber content - Method of Scharrer modify

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Grupo La Santina has been registered to INASE - National Seed Institute - Republic of Argentina