



BlackChia

ORGANIC BLACK CHIA SEED

NAME OF THE PRODUCT

Chia Seed

SCIENTIFIC NAME

(Salvia Hispanica L.)

ORIGIN

Santa Cruz, Bolivia



Smart Ingredients

BlackChia

ORGANIC CHIA SEED

OUR CERTIFICATIONS



PRODUCT DESCRIPTION

Chia seed contains many properties such as: protein, calcium, boron (a mineral that helps to set the calcium from bones), potassium, iron, fatty acids like omega-3, antioxidants and also oligoelementostales as magnesium, manganese, copper, zinc and vitamins such as niacin among others.

Most of the component of chia seed carbohydrates is fiber. Chia seeds contain 11 grams of fiber in 1 ounce of chia.

Compared with other food has protein twice more than any seed, five times more calcium that milk whole, twice the amount of potassium in bananas, three times more antioxidants than blueberries, three times more iron than spinach and seven times more omega 3 than salmon.

SENSORY ANALYSIS

PARAMETER	DECLARATION
Appearance/Color	Black and white oval seed, 1-2mm
Flavour	Characteristic of the Variety
Smell	Characteristic of the seed

PHYSICAL ANALYSIS

PARAMETER	VALUE
Purity	> 99.9
Moisture	≤ 8
Ash	< 4.84

PESTICIDE ANALYSIS

Screening of 179 molecules by Gas Chromatography with Double Mass Detector, plus screening of 185 molecules by Liquid Chromatography with Double Mass Detector.

- Glyphosate Absence
- Paraquat Absence

NUTRITIONAL VALUES

PARAMETER	UNIT	VALUE
Calories	Kcal	≤ 505.62
Protein	%	≤ 25.6
Carbohydrates	%	≤ 29.4
Energetic value (kcal)	Kcal/10g	≤ 50.6
Sodium	kJ/kcal	< 0,3
Fat	%	≤ 32.2
Omega 3 Fatty Acids	g	19,0
Omega 6 Fatty Acids	g	6,5
Dietary Fiber	g	33,8

MICROBIOLOGICAL ANALYSIS

PARAMETER	UNIT	VALUE
Aerobe total plate count	CFU/g	< 500.000
E. Coli	CFU/g	< 10
Moulds	CFU/g	< 1000
Salmonella spp	CFU/g	Absence
Yeasts	CFU/g	< 1000
Enterobacteriosis	CFU/g	< 1000
Aflatoxinas (B1,B2,G1,G2)	µg/Kg	<1.0

HEAVY METALS

PARAMETER	UNIT	VALUE
Arsenic	mg/kg	≤ 0.02
Cadmium	mg/kg	≤ 0.01
Lead	mg/kg	≤ 0.02
Mercury	µg/kg	≤ 1

SHELF LIFE

36 months after unopened original packaging with good storage.

STORAGE

Dry, cool and dark.

PACKAGES

25 Kg. Polypropylene bag, 500-1000 Kg. Big Bag.

Germán Cuéllar
Managing Director

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Smart Ingredients

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