



TECHNICAL DATA SHEET

PRODUCT: ORGANIC PURPLE CORN POWDER
CODE: PCW.00.004.000.1100
SCIENTIFIC NAME: Zea mays
COMMON NAME: PURPLE CORN
PLANT PART USED: COB AND GRAINS

COMPOSITION

100 % PURPLE CORN WHOLE

ORGANOLEPTIC FEATURES

TEST	SPECIFICATIONS	METHODOLOGY
APPEARANCE	Homogeneous powder	Visual inspection
COLOR	Light purple	Visual inspection
ODOR	Characteristic	Organoleptic
TASTE	Characteristic	Organoleptic

PHYSICO-CHEMICAL FEATURES

MOISTURE	< 8 %	Food Chemicals Codex, pp. 163-164, Appendix II-C, 8th Edition (2012)
GRANULOMETRY	Mesh 40	AOAC 973.03 Chapter 2, p. 53, 19th Edition 2012

MICROBIOLOGICAL FEATURES

Escherichia coli	Absence	ISO 7251:2005 Detection Method
SALMONELLA	Absence	ISO 6579:2002/Amd 1:2007
TOTAL AEROBIC COUNT	< 1 x10 ⁴ cfu/g	FDA/BAM, Online, 8th Ed. Rev. A, 1998. Chapter 3. January 2001
MOULD COUNT	< 1 x10 ³ cfu/g	ICMSF Microorganisms in Foods, 1988
YEAST COUNT	< 1 x10 ³ cfu/g	ICMSF Microorganisms in Foods, 1988

CONTAMINANTS

PESTICIDES	According to the organic standard	GC-MSMS, LC-MSMS
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This analysis has an additional cost. If necessary for each batch, please consult in advance

NUTRITIONAL FEATURES (average values for 100g of product)

TOTAL ENERGY	396.08 Kcal	Determination by calculation
PROTEIN	7.74 g	AOAC 970.22. On line 20th Ed. 2016
CARBOHYDRATE	81.02 g	Determination by calculation
DIETARY FIBER	25.10 g	AOAC 985.29. On line 20th Ed. 2016
FAT	4.56 g	AOAC 963.15. On line 20th Ed. 2016

Referential information

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CHARACTERISTICS GAINED IN PROCESSING

Purple Corn is selected and processed under parameters that guarantee the quality and characteristics of the product.

SHELF LIFE

2 year, as long as the package is stored sealed at recommended conditions.

PACKAGING

Doble-Layered Polyethylene bag, containing 10 Kg into carton box of 20 Kg.
 Boxes of 54 x 36 x 20 cm / Pallets of 110 x 95 x 235 cm (until 1 t / pallet)

LABELING

Logo labeling indicating the weight, the name of the product, batch number, date of production and expiration date.



RECOMMENDED USES

Purple Corn has high concentration of anthocyanins with antioxidant and anti inflammatory properties.

Purple Corn Powder is used to make anti aging supplements and as ingredient for bakery.

STORAGE AND TRANSPORT CONDITIONS

Store in a clean, fresh and dry place at temperatures below 25° C or 77°F. Protect from sunlight.