



TECHNICAL DATA SHEET

PRODUCT: PURPLE CORN POWDER EXTRACT 12:1
CODE: PCW.00.081.071.0000
SCIENTIFIC NAME: Zea mays
COMMON NAME: PURPLE CORN
PLANT PART USED: COB AND CORN

COMPOSITION

PURPLE CORN COB AND GMO FREE MALTODEXTRINE (70/30)

ORGANOLEPTIC FEATURES

TEST	SPECIFICATIONS	METHODOLOGY
APPEARANCE	Homogeneous powder	Visual inspection
COLOR	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 80	AOAC 973.03 Chapter 2, p. 53, 19th Edition 2012
ANTHOCYANINS	> 10 %	HPLC
POLYPHENOLS	> 15 %	HPLC

MICROBIOLOGICAL FEATURES

<i>Escherichia coli</i>	Absence	ISO 7251:2005 Detection Method
SALMONELLA	Absence	ISO 6579:2002/Amd 1:2007
TOTAL AEROBIC COUNT	< 3 x10 ³ cfu/g	FDA/BAM, Online, 8th Ed. Rev. A, 1998. Chapter 3. January 2001
MOULD COUNT	< 3 x10 ² cfu/g	ICMSF Microorganisms in Foods, 1988
YEAST COUNT	< 3 x10 ² cfu/g	ICMSF Microorganisms in Foods, 1988

CHARACTERISTICS GAINED IN PROCESSING

SHELF LIFE

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

PACKAGING

Nylon Polyethylene bag, containing 5 Kg into carton box of 20 Kg.
 Boxes of 60 x 40 x 30 cm / Pallets of 120 x 100 x 235 cm (until 700 t/pallet)

LABELING

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

RECOMMENDED USES

Anti aging supplements. Phenolics and anthocyanins content.

STORAGE AND TRANSPORT CONDITIONS

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