



### TECHNICAL DATA SHEET

**PRODUCT:** ORGANIC QUINOA PUFFED  
**CODE:** WHQ.00.039.000.0100  
**SCIENTIFIC NAME:** *Chenopodium quinoa*  
**COMMON NAME:** QUINOA  
**PLANT PART USED:** GRAINS

#### COMPOSITION

100 % WHITE QUINOA

#### ORGANOLEPTIC FEATURES

TEST	SPECIFICATIONS	METHODOLOGY
APPEARANCE	Puffed kernel shape	Visual inspection
COLOR	White/yellow	Visual inspection
ODOR	Characteristic	Organoleptic
TASTE	Characteristic	Organoleptic

#### PHYSICO-CHEMICAL FEATURES

MOISTURE	< 11 %	Food Chemicals Codex, pp. 163-164, Appendix II-C, 8th Edition (2012)
SIZE	< 5 mm	Visual inspection
PURITY	99.9 % min	Visual inspection

#### MICROBIOLOGICAL FEATURES

SALMONELLA	Absence	ISO 6579:2002/Amd 1:2007
TOTAL AEROBIC COUNT	< 1 x10 <sup>5</sup> cfu/g	FDA/BAM, Online, 8th Ed. Rev. A, 1998. Chapter 3. January 2001
COLIFORMS	< 1 x10 <sup>2</sup> cfu/g	FDA/BAM, Online, 8th Ed. Rev. A, 1998. September 2002 - Chapter 4, A, B, C y D
MOULDS	< 1 x10 <sup>3</sup> cfu/g	ICMSF Microorganisms in Foods, 1988

#### NUTRITIONAL FEATURES (average values for 100g of product)

TOTAL ENERGY	1584 KJ	
PROTEIN	6.6 g	
CARBOHYDRATES	77.1 g	
FAT	3.6 g	
FIBER	6.6 g	
SODIUM	0.01 g	
SALT	0.025 g	

#### Referential information

This analysis has an additional cost. If necessary for each batch, please consult in advance

#### CONTAMINANTS

PESTICIDES	According to the market regulation	GC-MSMS, LC-MSMS
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#### CHARACTERISTICS GAINED IN PROCESSING

#### SHELF LIFE

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

#### PACKAGING

High density polyethylene into trifoliate bag of 10 Kg.

#### LABELING

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



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**RECOMMENDED USES**

Quinoa grains provide all the essential amino acids, has a high content of antioxidants, minerals, proteins and fiber. Gluten free.  
It is used as superfood, functional food and nutritional supplement

**STORAGE AND TRANSPORT CONDITIONS**

Keep in cool and dry environment among 20-25 °C (68-77 °F), free of plagues and strong or disagreeable odors.