



**TECHNICAL DATA SHEET**

**PRODUCT:** ORGANIC MESQUITE POWDER  
**CODE:** MES.00.004.030.1100  
**SCIENTIFIC NAME:** *Prosopis pallida*  
**COMMON NAME:** MESQUITE  
**PLANT PART USED:** PODS

**COMPOSITION**

100 % MESQUITE PODS

**ORGANOLEPTIC FEATURES**

TEST	SPECIFICATIONS	METHODOLOGY
APPEARANCE	Homogeneous powder	Visual inspection
COLOR	Pale brown	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**

<i>Escherichia coli</i>	Absence	ISO 7251:2005 Detection Method
SALMONELLA	Absence	ISO 6579:2002/Amd 1:2007
TOTAL AEROBIC COUNT	< 5 x10 <sup>4</sup> cfu/g	FDA/BAM, Online, 8th Ed. Rev. A, 1998. Chapter 3. January 2001
MOULD COUNT	< 5 x10 <sup>2</sup> cfu/g	ICMSF Microorganisms in Foods, 1988
YEAST COUNT	< 5 x10 <sup>2</sup> cfu/g	ICMSF Microorganisms in Foods, 1988

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

TOTAL ENERGY	372.7 Kcal	Determination by calculation
PROTEIN	12.7 g	AOAC 978.04(A) Cap. 3 Ed. 19. 2012
CARBOHYDRATE	78 g	Determination by difference
FAT	1.1 g	AOAC 930.09 Cap. 3 Ed. 19. 2012
ASHES	4.5 g	AOAC 930.05 Cap. 3 Ed. 19. 2012

*Referential information*

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

**CONTAMINANTS**

LEAD	< 1 ppm	ICP – MS Atomic absorption
CADMIO	< 1 ppm	ICP – MS Atomic absorption
MERCURY	< 1 ppm	ICP – MS Atomic absorption
ARSENIC	< 2 ppm	ICP – MS Atomic absorption
PESTICIDES	According to the organic standard	GC-MSMS, LC-MSMS

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

**CHARACTERISTICS GAINED IN PROCESSING**

Mesquite is selected and processed to ensure the quality and characteristics of the product.

**SHELF LIFE**

3 years, 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 215 cm (until 1 t/pallet)



Main Office: Calle Las Tiendas 237 Piso 4 Surquillo - Lima 15047, Peru  
Branch Office: Calle Girasoles 106, Ate -Lima 15022, Peru  
(51-1) 435-3245 / 435-3235  
info@cpxperu.com.pe  
www.cpxperu.com.pe

**LABELING**

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

**RECOMMENDED USES**

Mesquite has high protein and natural sugars, soluble fiber and minerals such as calcium, magnesium, potassium, iron and zinc. It is also gluten free.  
Mesquite Powder is used as a natural sweetener. Can be use used as a natural sweetener in deserts, smoothies, and also 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.