

## TECHNICAL DATA SHEET

**PRODUCT:** ORGANIC YACON SYRUP  
**CODE:** YAR.00.a1.a0.a10  
**SCIENTIFIC NAME:** *Smallanthus sonchifolius*  
**COMMON NAME:** YACON  
**PLANT PART USED:** ROOT

### COMPOSITION

100 % YACON ROOT

### ORGANOLEPTIC FEATURES

TEST	SPECIFICATIONS	METHODOLOGY
APPEARANCE	Viscous liquid	Visual inspection
COLOR	Dark brown	Visual inspection
ODOR	Characteristic	Organoleptic
TASTE	Characteristic	Organoleptic

### PHYSICO-CHEMICAL FEATURES

BRIX	72 ± 2 degrees Brix	NTP 203.072. 1977 (Rev. 2012)
FOS	≥ 30 %	AOAC 999.03 On line 20th. Ed. 2016
MOISTURE	< 29,0 %	Food Chemicals Codex, pp. 163-164, Appendix II-C, 8th Edition (2012)

### MICROBIOLOGICAL FEATURES

ENTEROBACTER	< 10 cfu/g	-
TOTAL AEROBIC COUNT	< 3 x10 <sup>3</sup> cfu/g	FDA/BAM, Online, 8th Ed. Rev. A, 1998. Chapter 3. January 2001
MOLD COUNT	< 3 x10 <sup>2</sup> cfu/g	ICMSF Microorganisms in Foods, 1988
YEAST COUNT	< 3 x10 <sup>2</sup> cfu/g	ICMSF Microorganisms in Foods, 1988

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

TOTAL ENERGY	178.0 Kcal	Determination by calculation
PROTEINS	1.58 g	AOAC 920.152 On line 20th. Ed. 2016
TOTAL CARBOHYDRATES	65.60 g	Determination by calculation
ASHES	6.30 g	AOAC 940.26 On line 20th. Ed. 2016
FATS	1.00 g	The Feeding Stuffs. Methods of Analysis for crude oils and fats

*Referential information*

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

### CONTAMINANTS

PESTICIDES	According to the organic standard	GC-MSMS, LC-MSMS
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### CHARACTERISTICS GAINED IN PROCESSING

Concentrated under vacuum to better preservation of the product characteristics.

### SHELF LIFE

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

### PACKAGING

Gallon jug of 30 Kg into carton box of 31 cm x 26.5 cm x 38 cm / Pallets of 110 x 95 cm.

### LABELING

The label indicates the weight, product name, batch number, production date and expiration date.

**RECOMMENDED USES**

Yacon syrup is a product rich in fructo-oligosaccharides (FOS) known as natural prebiotic that consequently favors the metabolism of food.

Yacon syrup is consumed over top of fruit salads, yogurt and desserts. Diluted in beverages and mixtures.

**STORAGE AND TRANSPORT CONDITIONS**

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

Once the product is opened keep it in refrigerated conditions.

**CERTIFICATIONS**

HACCP, GMP, USDA organic regulation, Organic EU and KOSHER certificate.