

 Andean Valley CORPORATION	PRODUCT SPECIFICATION	Code: R-HAC-01-00/03
		Version: 5
		Valid from: Nov – 2021

Product name

Organic white royal quinoa precooked flour

Ingredients

Organic royal quinoa grain: White variety



Description

Royal Quinoa Precooked Flour is a product without additives, with mild flavor than quinoa flour, great capacity of water retention. Obtained by precooking, milling and sieving classified Royal Quinoa grains (*Wild Quenopodium quinoa*), an andean grain that is only produced in Bolivia, near two vast salt flats over 3500 m.o.s.l., under the requirements of organic production.

Regulation - Certifications

- R.S. SENASAG N° 04.04.03.06.0027, R.S. N°: RSiA05I90311, U.S. FDA Registration.
- Organic Standard for United States of America (NOP – USDA), European Union (Reg. 834/2008 EU) and Canada (CAN/CGSB-32.320, CAN/CGSB-32.311), certified by IMO CERT, for Brasil by IBD (Lei 10.831/03) and for China by OFDC (GB/T 19630).
- FSSC 22000, Fair for Life, Regenerative organic certified, Kosher, Halal.

Characteristics

Sensory	
Appearance	Homogeneous powder
Taste	Characteristic
Odour	Characteristic
Colour	Characteristic

Physicochemical		
Description	Unit	Value
Moisture	%	≤ 13.5
Total impurities	%	Absence
Particle size (mesh # 212 µm)	%	≥ 90
Gluten	mg/kg	0
Aw		0.12
pH		7.44

Microbiological		
Description	Unit	Value
Mold and yeast	CFU/g	≤ 1 x 10 ⁴
E. coli	CFU/g	Absence
Salmonella	25 g	Absence

Nutrition Facts*		
Approximate values for 100 g		
Calories 394	Calories from fat 52	
Description	Unit	Value
Total Fat	g	5.7
Saturated fat	g	0.03
Trans	g	0.01
Mono-unsaturated	g	2.7
Poly-unsaturated	g	3.3
Cholesterol	mg	0
Sodium	mg	2.9
Salt	g	0.01
Total Carbohydrate	g	70.1
Available carbohydrate	g	64.4
Dietary fiber	g	6.4
Sugar	g	0
Protein	g	15.5
Calcium	mg	50.3
Iron	mg	3.9
Potassium	mg	394.4
Phosphorus	mg	419.9
Vitamin A	µg	56.3
Vitamin C	µg	0

* Weighted average values, based on product data analysis.

Storage Conditions/Shelf life

Store at ≤ 20 °C in a dry place, for a shelf life of 24 months from production date.

Store at 25 °C and 65% humidity, for a shelf life of 18 months from production date.

Commercial presentations and packaging materials

According customer's requirement in: Trifoliated paper kraft bag of 20.0 kg, with primary packaging of low density polyethylene; Doypack of 200 g to 1 kg packed in corrugated boxes; HDPE Bag of 350 g, with secondary packaging of cardboard, packed in corrugated boxes.

Instructions for handling, preparation and use

Organic Royal Quinoa Precooked Flour is suitable for human consumption with or without additional cooking and does not present allergic reactions.

Preferably handle according to what is described in the package instructions.

It can be used in juices, milkshakes and smoothies for direct consumption, as well as in bakery, pastry, soups, sauces, among other uses as a substitute for other flours.