



## Product Specification

### Organic Quinoa, Black (TI0522)

#### **Product description:**

Product name	Organic Quinoa, Black
Botanical name	<i>Chenopodium Wild</i>
Variety	-
Country of origin	Peru
Country of processing	Peru
Process description	Quinoa is selected, cleaned and packed.

#### **Mix Composition:**

Product	Art. number	% (w/w)	Origin

#### **Ingredients:**

Quinoa
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#### **Ingredients composition:**

Ingredient	Function	% (w/w)	Origin (s)
Quinoa	Ingredient	100	Peru

#### **Organoleptic parameters:**

Consistency / Texture	Small grains
Colour	Black
Flavour / Odour	Typical for quinoa, no off taste

#### **Physical parameters:**

Count :	Pieces / 454 g / 28,3 g / 100 g	N/A
Size	L x w x H	≥ 1,2 mm
Mesh size (sieving)	Particles > 10,0 mm	N/A % (w/w)
	Particles > 5,0 mm	N/A % (w/w)
	Particles < 5,0 mm	N/A % (w/w)
Foreign materials (not product related)	Glass, stones, metals, sharps ≥ 2,0 mm	Target absent
	Glass, stones, metals, sharps ≥ 7,0 mm	Absent
	Other foreign materials < 7,0 mm	≤ 0,1 % (w/w)
	Other foreign materials ≥ 7,0 mm	Absent
Impurities (product related)	Plant (rest) material	≤ 0,1 % (w/w)
	Cap stems ( > 3,0 mm)	N/A
	4,0 mm < stalks < 10,0 mm	N/A Pieces / 100 g

	Stalks > 10,0 mm	N/A	Pieces /
	Others	-	Pieces /
Specific quality requirements	Contrasting grains	≤ 5	% (w/w)
	Defected grains (total)	≤ 4	% (w/w)
	Damaged grains	-	% (w/w)
	Mouldy grains	-	% (w/w)
	Underdeveloped grains	≤ 0,7	% (w/w)
	Sugared berries	N/A	% (w/w)
	Colour deviation	-	% (w/w)
	Out of caliber (size)	≤ 15	% (w/w)
Alive infestation		nil	

No information available = - / Not applicable = N/A

### **Chemical parameters:**

Moisture	≤ 13,5	%	ISO 665 / 712
Preservative : SO <sub>2</sub>	N/A	ppm (mg/kg)	NEN-EN 1988-1
Preservative: Potassium Sorbate	N/A	ppm (mg/kg)	
Aflatoxin B1	≤ 2	ppb (µg/kg)	ISO 16050
Aflatoxin B1, B2, G1, G2	≤ 4	ppb (µg/kg)	ISO 16050
Ochratoxin A	N/A	ppb (µg/kg)	
Saponin	≤ 120	mg / 100g	
Patulin	N/A	ppb (µg/kg)	
Aw value	-		
pH value	-		ISO 2917
Sugar content	-	°Brix	
Free Fatty Acids	-	%	
Heavy metals	According to EU legislation		

### **Microbiological parameters:**

Total plate count	≤ 1.000.000	cfu/g	ISO 4833
Yeast	≤ 10.000	cfu/g	ISO 21527-1 or 2
Mould	≤ 10.000	cfu/g	ISO 21527-1 or 2
Coliforms	-	cfu/g	ISO 4832
E. coli	Less than 10	cfu/g	ISO 16649-1 of 2
Salmonella spp.	Absent	25 gram	ISO 6579-1
Enterobacteriaceae	-	cfu/g	ISO 21528-2

No information available = - / Not applicable = N/A

### **Nutritional parameters:**

Per 100 gram based on analyses (may vary with the season)

Energy	1492	kJ
	356	kcal
Fat	6,6	g
Saturated	0,4	g
Mono-unsaturated	-	g
Poly-unsaturated	-	g
Carbohydrate	57,3	g
Sugars	2,4	g
Polyols	-	g
Starch	-	g

Fibre	10,8	g
Protein	11,7	g
Salt	<0,1	g
Ash	-	g

### **Product claims:**

GMO free*	Yes	
Radiated	No	(level (Bq): -
Organic	Yes	(in accordance with EU legislation)
Kosher	No	(depends per supplier)
Suitable for vegetarians	Yes	
Suitable for vegans	Yes	
Halal	No	(depends per supplier)

\* Labelling / traceability requirements (according to EC 1829/2003 and 1830/2003) does not apply

\* Product is manufactured without genetic modification directly or indirectly.

### **Storage conditions:**

Optimum storage conditions	Temp : 5 – 15 °C R.H. : 55 - 65 %
Shelf life (after production)	24 months

### **Packaging:**

Direct contact material	Type: bag Material: paper Weight:
Indirect contact material	Type: Material: Weight:
Weight per colli (net.)	25 kg

### **Intended use:**

Product needs to be rinsed and cooked accordingly to the condition of the final user.

## Allergen information

+ = present / yes  
 - = not present / no  
 ? = no information available

Allergens	Manufacturer		Nuts in Bulk ( Applies when bought in small quantities that need re-packaging )	
	Product contains: (as ingredient)	Cross- contamination possible:	Product contains: (as ingredient)	Cross- contamination possible:
Milk and products (cow), lactose	-	-	-	+
Egg	-	-	-	-
Soy	-	-	-	-
Gluten (wheat, rye, barley, oat, spelt, kamut)	-	-	-	+
Fish	-	-	-	-
Shellfish and crustaceans	-	-	-	-
Nuts (walnut, pecan, almond, cashew, hazelnut, macadamia, brazil nut, pistachio, chestnut)	-	-	-	+
Peanuts and products thereof	-	-	-	+
Sesame	-	-	-	+
Sulphite (E220 to E228) if >10 ppm	-	-	-	+
Celery	-	-	-	-
Lupine	-	-	-	-
Mustard	-	-	-	-
Molluscs	-	-	-	-

*All information in this product specification is accurate according to our best knowledge and in compliance with actual legislation. When ordered in original packaging manufacturer allergen information apply. When ordered in small quantities that need repackaging Nuts in Bulk Ltd. allergen information apply.*

**Approved by Quality Manager**

