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Conventional Tricolor Quinoa - Specifications

(Update 23/03/2020)

Product Name and Description

Name	Tri-color quinoa
Type	White, red and black quinoa
Botanical Origin	Chenopodium quinoa
Country of Origin	Peru

Physical features

Colour	White, contain 60% Red, contain 20% Tri-color, contain 20%
Granulometria	% retencion malla 12 (>1.7mm), ≥ 25% % retencion malla 14 (>1.4mm), ≥ 55% % retencion malla 16 (>1.18mm), ≤20%
Flavour	Full flavour, no off taste
Odor	No bad odors
Moisture	< 12%
Gluten	≤ 5 ppm
Saponin	< 0.02%
Texture	Small, round, semi-flat grain
Purity	99,99%
Broken, deformed, immature or sprouted seeds	0,5%

Defects

Free From:	physical, chemical and microbiological contamination
Free From :	mould, rot and foreign material
Others : stones, glass, woods, quartz rock	0,003% max (Destoner: 18 mesh, twice/h)
Other Seeds	< = 0.003%
Free From:	Insect
Free From :	Feces
Free From:	Metallic foreign bodies (metal detector control + 5000 Gauss Magnets control: 3 times/shift)



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Contaminants:

** The supplier complies with the European regulations in effect about chemical contaminants and pesticides (396/2005 UE*

PESTICIDES RESIDUES	
None - Within the norms of EU regulations	
HEAVY METALS	
Lead (Pb)	< 0,2 mg/kg (1881/2006 UE)
Mercury (Hg)	< 0,1 mg/kg (1881/2006 UE)
Cadmium (Cd)	< 0,1 mg/kg (1881/2006 UE)
Arsenic (As)	< 0,1 mg/kg (1881/2006 UE)
MYCOTOXINS	
Aflatoxin B1	2ppb (1881/2006 UE)
Total Aflatoxins (B1,B2,G1,G2)	4ppb (1881/2006 UE)
Fumonisin B1+B2	NA (1881/2006 UE)
Ochratoxin A	3ppb (1881/2006 UE)
Deoxynivalenol (DON)	750ppb (1881/2006 UE)
Zearalenone	75ppb (1881/2006 UE)

GMO:

The product has not been genetically modified and is compliant with EG Nr.1829/2003 and EG Nr. 1830/2003.

Microbiological specifications:

Total aerobic mesophilic flora	< 100 000cfu/g
Total coliforms	< 100 cfu/g
*Escherichia coli	< 10 cfu/g
Pathogenic staphylococci	< 100 cfu/g
* Salmonellas	Absent in 25g
* Listeria monocytogenes	Absent in 25g
Yeasts	< 1000 cfu/g
Moulds	< 1000 cfu/g

Nutritional values:

Kj or Kcal or Gr for 100gr of Product

Energy	385Kcal
Protein	15,73gr
Fat, total	6.28gr
Saturated fatty acids	0,96gr
Carbohydrate total	66,50gr
Sugars	7gr
Dietary Fiber	8,63gr
Ash	2.12gr

INTOLERANCE DATA

Allergen	Yes	No	Which raw material affected?	Details
Suitable for ovo-lacto vegetarians	✓			
Suitable for vegans	✓			
Free from additives	✓			
Free from all animal products	✓			
Free from antioxidants	✓			
Free from artificial colours	✓			
Free from aspartame	✓			
Free from Azo and coal tar dye	✓			
Free from benzoates	✓			
Free from BHA/BHT	✓			
Free from celery	✓			
Free from cereals containing gluten (ie wheat, rye, barley, oats, spelt, kamut)	✓			
Free from egg, egg derivatives and albumen	✓			
Free from fish, crustaceans, molluscs and derivatives	✓			
Free from fruit and derivatives	✓			
Free from glutamates	✓			
Free from GMOs (Genetically Modified Organism)	✓			
Free from latex	✓			
Free from Lupin and derivatives (ie leguminous plants, lupin flour)	✓			
Free from M.S.G. (added)	✓			
Free from M.S.G. (naturally occurring)	✓			
Free from maize and derivatives	✓			
Free from milk and derivatives (including lactose) (ie cream, yoghurt, fromage frais, cheese, quark etc.)	✓			
Free from Molluscs (including octopus & squid)	✓			
Free from mustard	✓			
Free from natural colours	✓			
Free from nut derived oil	✓			
Free from other nuts and nut derivatives	✓			
Free from other seeds and derivatives	✓			
Free from peanuts and peanut derivatives	✓			
Free from preservatives	✓			
Free from rice and derivatives	✓			
Free from sesame seeds and derivatives	✓			
Free from soybean and derivatives	✓			
Free from Sulphur Dioxide SO ₂ and Sulphites at >10mg/Kg or 10ml/L as expressed as SO ₂)	✓			
Free from vegetables and derivatives	✓			
Free from wheat, rye, oats, barley and derivatives	✓			
Free from yeast and derivatives	✓			

