

EDISON GRAIN INC TECHNICAL DATA SHEET	ORGANIC QUINOA CRISPED		Item Code: CQC
	Issue Date: 7/18/18	Supersedes Version Dated: 8/17/16	Page 1 of 5



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Product Information	
Ingredients/Process	Organic first grade quinoa that has been cooked, dried, milled and oven toasted
Organic Certification	OTCO (Client ID: OT-002854)
Country of Origin	USA
Gluten-Free	Verified gluten-free (defined by FDA as <20 ppm gluten)
Allergen-Free Production	Packed on a dedicated production line free of FDA "Big 8" allergens (wheat, peanuts, tree nuts, milk, eggs, fish, shellfish, & soy)



Regulatory Compliance	
National Organic Program	Edison Grain Inc. handles products that meet or exceed USDA organic standards. (NOP ID: 8150000583)
FDA	Edison Grain Inc. is registered with the FDA and is in compliance with the Bioterrorism Act of 2002. Product is food grade and complies with the FD&C Act and FSMA Preventive Controls for Human Food rule (21 CFR Part 117). Food-contact packaging complies with FDA requirements.
SDS	Safety Data Sheet available on website: http://edisongrain.com
Additional Information	Additional program information is available at http://edisongrain.com

Sensory Analysis	
Color	Beige to light tan
Shape/Texture	Crisped quinoa
Taste/Aroma	Typical of quinoa

Standard Specifications	
Purity	>/= 99.9%
Moisture	</= 4%
Density	200-264 g/L
Infestation	None

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Microbiology & Gluten Limits			
Aerobic plate count	<= 1 x 10 ⁴ CFU/g	Listeria spp.	Negative/25g
Coliform	<100 CFU/g	Salmonella spp.	Negative/25g
E.coli	<10 CFU/g	Staphylococcus aureus	<10 CFU/g
E.coli O157:H7	Negative/25g	Yeast & Mold	<= 100 CFU/g
Gluten	<20 ppm		

Allergen Statement				
		Supplier	Edison Grain Inc.	
Component	Present in Product	Processed on Shared Equipment	Processed on Shared Equipment	Present in Facility
Peanuts or derivatives	No	No	No	Yes ¹
Tree Nuts or derivatives	No	No	No	Yes ¹
Milk or derivatives	No	No	Yes ²	Yes ²
Egg or derivatives	No	No	No	No
Fish or derivatives	No	No	No	No
Shellfish or derivatives	No	No	No	No
Soy or derivatives	No	No	No	No
Wheat or derivatives	No	Yes	No	No
Gluten ³	No	Yes	No	No

- Warehousing/cross-dock orders of peanut and tree nut products are received and stored in sealed packaging in a segregated section of the facility. No processing activity takes place on site.
- Milk allergen is in the form of cheese packets which are received in sealed pouches that remain intact during packing.
- Edison Grain meets or exceeds FDA standards for "gluten-free," defined as <20 ppm. Lot-specific gluten results are available at <http://edisongrain.com>.

Product Declarations	
Organic	Certified USDA Organic by Oregon Tilth (OTCO)
Kosher	Certified Kosher by Chicago Rabbinical Council (cRc)
Gluten-Free	Verified Gluten-Free via lot-specific COA
Non-GMO	Edison Grain Inc. is part of the USDA National Organic Program which prohibits the use of GMOs.
Non-Hydroponic	Soil grown
Irradiation	Non-irradiated product
Additives/Preservatives	Additive-free and preservative-free
HACCP/GMP	Annual 3 rd party audit by SCS Global Services

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Production/Quality Assurance	
Production Process	Testing, packing (retail & food service only), finished product metal detection. Bulk product packaged by manufacturer.
Product Testing	Every incoming product lot is tested by an independent third-party ISO/IEC 17025 certified laboratory for microbiology and gluten prior to Edison Grain production. Lot-specific Certificates of Analysis are available on the Edison Grain website: http://edisongrain.com
Equipment Testing	ATP swab of food contact surfaces prior to production
Finished Product Metal Detection	Rejection Thresholds:
	Stainless: 5,556 mm (bulk) / 2,0 mm (retail & food service)
	Non-Ferrous: 5,5 mm (bulk) / 1,5 mm (retail & food service)
	Ferrous: 2,5 mm (bulk) / 1.2 mm (retail & food service)
Quality Control	HACCP program. FDA requirements implemented which include current Good Manufacturing Practices and Food Safety Plan with hazard analysis and process, allergen, sanitation, and supply-chain preventive controls.
Pest Control	As a certified organic facility, Edison Grain does not use pesticides on site. Pest control is achieved through non-chemical measures including management of environmental factors to prevent pest reproduction, and use of tin cats with glue boards, pheromones and pheromone traps, and insect light traps. Interior/exterior surveys are conducted weekly by in-house staff and monthly by a licensed professional pest control service.

Storage/Stability/Use	
Recommended Storage	Ambient. Store in a cool, dry place out of direct sunlight.
Humidity	70% maximum
Shelf Life	9 months in original sealed packaging
Preparation	Ready-to-eat
Expected Use	Suitable for general public as well as Celiacs or those with gluten sensitivities.

Lot Coding		
Lot code is based on date of manufacture		
Example: 05-MAR-17		
	<u>Explanation</u>	<u>Translation</u>
05	Day of month	5th
MAR	Month	March
17	Year	2017

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Standard Pallet Specifications

Description	Number 1 wooden pallets. Standard 4-way entry. Clean and correct size for product. Fits pallet interlocked stowage. Corrugated slip sheet on base.
Size	Approximately 40"x48"x5"
Weight	Estimated 65 lbs. per pallet
Loaded Weight	2,500 lbs. maximum
Pallet Wrap	Clear cast film
Pallet Configuration	Single stack only. Refer to Bulk, Food Service & Retail Specifications

Bulk Specifications

Unit Packaging

Net Weight	Gross Weight	Material	Dimensions (L x W x H)	Label Info
25 lbs.	27 lbs.	Corrugated case w/ food grade clear poly liner	14" x 12" x 8"	Product Name, Unit Weight, Lot Code, Best if Used By Date, Country of Origin, UPC Code, Certifications

Pallets

Net Weight	Gross Weight	Units per Pallet	Pallet Configuration
1296 lbs.	+ 65 lbs. (estimated)	48	12 cases/layer x 4 layers

Nutrition per 100g

Total Calories (Cal): 404

Total Fat (g)	3	Total Carbohydrates (g)	85
Saturated Fat (g)	0.5	Dietary Fiber (g)	6.5
Trans Fat (g)	0	Total Sugars (g)	1
Cholesterol (mg)	0	Added Sugars (g)	0
Sodium (mg)	4	Protein (g)	8.4
Vitamin D (mcg)	0	Iron (mg)	1.91
Calcium (mg)	36.06	Potassium (mg)	285



Nutritional information obtained from manufacturer.


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Food Service & Retail Specifications

Unit Packaging				
	Net Weight	Material	Dimensions (W x H x Gusset)	Label Info
Food Service	3 lbs.	Food Grade BPA-free BOPP/Cotton Paper/PET/LDPE film stand-up pouch with zipper closure (heat sealed)	12" x 16" x 4.5"	Product Name, Unit Weight, Nutrition Facts, Directions for Use, Best if Used By Date, Lot Code, Country of Origin, Certifications
Retail	10 oz.		6.5" x 10.5" x 3"	

Case				
	Gross Weight	Units per Case	Material	Dimensions (L x W x H)
Food Service	14 lbs.	4	Corrugated Carton	19" x 15" x 9"
Retail	5.75 lbs.	6		10" x 9" x 9"

Pallet				
	Net Weight	Gross Weight	Cases per Pallet	Pallet Configuration
Food Service	672 lbs.	+ 65 lbs. (estimated)	48	6 cases/layer x 8 layers
Retail	920 lbs.		160	16 cases/layer x 10 layers

Food Service UPC:  8 17144 01092 1

Retail UPC:  8 17144 01097 6

10 oz (284g)
Organic Quinoa Crispies

Nutrition Facts	Amount per serving	% DV*	Amount per serving	% DV*
	5 servings per container	Total Fat 0g	0%	Total Carb. 50g
Serving size 1 cup (56g) dry	Sat. Fat 0g	0%	Fiber 2g	7%
Calories 220 per serving	Trans Fat 0g		Total Sugars 2g	
	Cholesterol 0mg	0%	Incl. 0g Added Sugars	0%
	Sodium 0mg	0%	Protein 3g	
	Vit D 0% • Calcium 0% • Iron 0% • Potassium 6%			

*%DV = % Daily Value



Ingredients: Organic Crisped Golden Quinoa

Nutritional information obtained from 3rd party laboratory analysis.