

Product Specifications

Frozen Onion dices IQF

10x10 mm

Page No.	Page 1 of 4
Issue No.	1
Issue Date	30 / 08 / 2022
Modified Date	15 / 07 / 2023
Prepared by	Eng. Amr Talaat

Spec. Number: PS.ON.20-01

1-GENERAL DESCRIPTION

Product Definition	Onion, prepared, Sorted, Washed, Blanched, Cooled, IQF frozen	
Process Definition	Quick frozen Onion i is the product subjected to a freezing process in appropriate equipment and complying with the conditions laid down hereafter. This freezing operation shall be carried out in such a way that the range of temperature of maximum crystallization is passed quickly. The quick-freezing process shall not be regarded as complete unless and until the product temperature has reached -18°C (0°F) at the thermal center after thermal stabilization. The recognized practice of repacking quick-frozen products under controlled conditions is permitted. 	
Ingredients	Product made of 100 % natural onion	
Country of Origin	EGYPT	
Intended uses	All Food Applications / All Human groups	
Metal Detection	Ferrous	2.5 mm
	Non-Ferrous	2.5 mm
	Stainless Steel	3.5 mm

2- PRODUCT CHARACTERISTICS

2-1 Organoleptic Properties

Parameter	Value
Appearance	IQF Dices Onion, Typical from the variety
Colour	(Uniform characteristic color)
Flavor, Taste	Typical and Fresh Taste, not Strange Taste. The Smell is pleasantly fresh
Texture	Not too hard, not too tough

2-2 Physicochemical Properties

Test	Standard Target Range
Size	10 * 10 mm
Oxidative Enzymes(peroxidase)	Negative
Pesticides Residues & Heavy metals	In accordance with the regulation of the Country of Destination
Allergens	Allergen free in Accordance with the commission Directive EC reg. 1169/2011 https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52017XC1213(01)content/EN/TXT/?uri=CELEX%3A52017XC1213%2801%29-content/EN/TXT/?uri=CELEX%3A52017XC1213%2801%29

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3 – Microbiology Properties

Test	upper limit value which cannot be exceeded	Method in use
Total Plate Count	< 100,000 cfu/g	ISO: 4833/2013 Part 2
Coliforms	< 10 cfu/g	ISO-CD- 4832-2006
E-Coli	Absent /g	ISO: 16649-2-2001 Part 2
Yeast & Mould	< 50 cfu/g	ISO: 21527-1-2008 Part 1
Staphylococcus aureus	Absent /25 g	ISO 6888-1 Part 1
Salmonella	Absent /25 g	ISO 6579-2017
Listeria monocytogenes	Absent/ 25 g	ISO: 11290 – 1 /2017

The Product shall be free from:

- microorganisms in amounts which may represent a hazard to health
- parasites which may represent a hazard to health
- Shall not contain any substance originating from microorganisms in amounts which may represent a hazard to health.
- Free from Hepatitis A & Norovirus

4- Allergy and GMO information.

	Yes (in product)	No (not in product)	Comments
Cereals containing gluten and products thereof (i.e. wheat, rye, oat, barley, spelt, kamut)		No	
Crustaceans and products thereof		No	
Egg and products thereof		No	
Fish and products thereof		No	
Peanuts and products thereof		No	
Soybeans and products thereof		No	
Milk and products thereof (including lactose)		No	
Nuts and products thereof (almond, hazelnut, walnut, cashew, peanut, brazil nut, pistachio nut, Queensland nut)		No	
Celery and products thereof		No	
Mustard and products thereof		No	
Sesame seeds and products thereof		No	
Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/liter expressed as SO2		No	
lupine and products thereof		No	
Mollusc and products thereof		No	
GMO information			
Is this product free of GMO	Yes		

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5 - Defects per 1 kg

1 – Size (Sample 50 Dice)	10 mm x 10 mm	Small Pieces: <10 mm 5 % Large Pieces: >10 Maximum 10 %
2- Twigs and Exogenous vegetable foreign bodies: Grass, Flowers, Seeds...		Not Allowed
3- Critical Harmful foreign bodies: Glass, metal, Mineral, Stones, Hard Plastic, Wood Pieces...		Not Allowed
4- other endogenous vegetable bodies linked to the environment of the fruit: Sand, soil, soft plastic, paper cardboard, threads, hair		Not Allowed
5 - Insect Injury, Fungus Injury Insect not easily detected during sorting, insects living inside the fruit, worms, Larva, insect eggs...		Not Allowed
6- Black spots		Not Allowed
7- Peeling Defects		Not Exceed 1 PCS
8- Clumps of more than 3 pieces		< 1%
9- Discolored / Units tough / Fiber units		Max 5 %
10- Skin		Max 2 pcs

6 – Nutritional Values indication (100 g)

Nutrition Facts (Frozen Onion)			
Serving Size		100 g	
Amount Per Serving about 4 serving in bag			
Calories		29	
		% Daily Values *	
الدهون الكلية	Total Fats	0.1 gm	0%
الدهون المشبعة	Saturated Fats	0.017 gm	0%
الدهون المتحولة	Trans Fat	0 gm	
كوليسترول	Cholesterol	0 gm	0%
صوديوم	Sodium	12 mg	1%
الكر يوهيدرات الكلية	Total Carbohydrate	6.81g	2%
الألياف الغذائية	Dietary Fiber	1.8g	6%
السكريات	Sugars	-	
بروتين	Protein	0.79 gm	
فيتامين أ	Vitamin A	2mcg	0%
فيتامين ج	Vitamin C	3.3 mg	4%
كالسيوم	Calcium	17 mg	1%
حديد	Iron	0.33 mg	2%
بوتاسيوم	Potassium	124 mg	3%
. Percent Daily Values are based on a 2000 Calories diet.			
تدل نسبة الاحتياج اليومي على المغذيات فى الحصة الواحدة مبنية على نظام غذائى			
محتوى على 2000سعة حرارية			

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7 – Shelf life, Storage and Packaging Details

Packing, Storage condition and Shelf life

Packaging Size	Available Packaging Size: 10 kg
Type of Packaging	Double Wall-Corrugated cartons with polyethylene Bags
Storage temperature	-18 °C
Shelf life	18 months or according to the Legislation of the Country destination
Transportation Condition	Floor-Loading, or on the euro pallets, fumigated (Corresponding label on the tray) All kinds of transport: The Truck should be clean, without foreign smells. Temperature not above minus 18 c. the transportation with non-food products is not allowed
Special Condition	Refreezing and defrosting are not allowed
Marking	Product name, net weight, expiry date, units per case, production code, Contact details. Do not refreeze after defrosting.



8- Approvals:

Position	QA & FS Manager
Name	Eng. Amr Talaat
Signature	
Date	15/07/2023

