

# Final product Specification

Code: **BO-Q-WI-08.05.01-03/03-03**

Real food commitment

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**Product Name: Frozen Broccoli IQF 20-40**

## 1 – Product Description.

Description	Broccoli, prepared, Sorted, Washed , blanched ,Cooled, IQF frozen
Country of Origin	EGYPT

## 2 – Ingredients.

Name	Scientific name	%	Origin
Broccoli	Eruca. vesicaria	100 %	EGYPT

## 3- Organoleptic Evaluation. (Based on Sample 1kg)

Appearance	IQF broccoli, Shock Frozen. Immediately after cropping the broccoli are Cleaned thoroughly, blanched, sorted, shock frozen IQF and packed In storage palletainers. The product is suitable for vegetarians and vegans
Colour	Soft Green, a few soft yellow green pieces are possible ( uniform characteristic color )
Smell & Flavour	Typical and Fresh Taste, not Strange Taste. The Smell is pleasantly fresh
Texture	Soft, not too hard, not too tough
Form / Size	20 – 40 mm > 40mm Not Exceed 10 % weight
Foreign material	Absent
Discoloration ( brown or yellow > 20 mm )	≤ 2 pieces / kg
Foreign Vegetable matter	≤ 1 pieces / kg
Small Spots ( 2 – 6 cm )	≤ 5 pieces / kg
Large Spots ( > 6 cm )	≤ 2 pieces / kg
Ripening ( over maturing )( fiber parts )	2 pieces by Number
Not cut well, stems to long > 3cm	≤ 10 pieces / kg
Small leaves ≤ 2cm	≤ 5 pieces / kg
Stems ( parts separated )	Max 1 % weight
Fragments ( Weight < 5 g ) ≤ length 1.5 cm	≤ 7 % weight
Mechanical damage	2 % by number
Injury (pathogenically – Insect Injury )	Absent

#### 4 – Chemical Standards.

Test	Standard Target Range	Method In use
Pesticides	As Per Codex and EU MRL	In accordance with EC regulation 15662 / 2008
Heavy metals	As per codex	In accordance with EC regulation 1881/2006 and its modifications
Oxidative Enzymes ( peroxidaze )	-ve	ES : 991 / 2008

#### 5 – Microbiological Standards.

Test	M ( upper limit value which cannot b exceeded )	Method in use
Total Plate Count	< 100,000 cfu / g	ISO 4833/2003 3 <sup>rd</sup> . Edition
Coliforms	< 10 cfu /g	ISO: 4832-2006 3 <sup>rd</sup> . Edition
E-Coli	Absent	ISO: 4832-2006 3 <sup>rd</sup> . Edition
Yeast	< 50 cfu / g	ISO: 21527-2/2008 1 <sup>st</sup> . Edition
Mould	< 50 cfu / g	ISO: 21527-2/2008 1 <sup>st</sup> . Edition
Staphylococcus aureus	<50 cfu / g	ISO 6888-2
Salmonella	Absent	ISO 6579/2002

- shall be free from microorganisms in amounts which may represent a hazard to health;
- shall be free from parasites which may represent a hazard to health; and
- shall not contain any substance originating from microorganisms in amounts which may represent a hazard to health.

#### 6 – Nutritional Values per 85 g.

Broccoli			بروكلي		
Nutrition Facts			حقائق تغذوية		
Serving Size	85 g ( 3 OZ )		حجم وحدة التقييد	85 جم ( 3 أونصة )	
Amount Per Serving			الكمية لكل وحدة تقييد		
Calories	25 kcal		السعرات الحرارية	25 كالوري	
% Daily Values*			القيمة الغذائية اليومية%		
<b>Total Fat</b>	0.289 g	0%	الدهون الكلية	0.289 جم	0%
Saturated Fat	0.044 g	0%	دهون مشبعة	0.044 جم	0%
Trans Fat	0 g	0%	دهون متحولة	0 جم	0%
Polyunsaturated Fat	0.137 g	0%	دهون غير مشبعة "مزدوجة"	0.137 جم	0%
Monounsaturated Fat	0.020 g	0%	دهون غير مشبعة "أحادية"	0.020 جم	0%
<b>Cholesterol</b>	0 mg	0%	الكوليسترول	0 ملجم	0%
<b>Sodium</b>	14.45 mg	3%	صوديوم	14.45 مجم	3%
<b>Potassium</b>	212.5 mg	4%	بوتاسيوم	212.5 ملجم	4%
<b>Total Carbohydrate</b>	4.547 g	2%	الكربوهيدرات الكلية	4.547 جم	2%
Dietary Fiber	2.55 g	9%	الألياف الغذائية	2.55 جم	9%
Sugars	1.249 g	0%	سكريات	1.249 جم	0%
<b>Protein</b>	2.601 g	2%	بروتين	2.601 جم	2%
<b>Vitamin D</b>	0 g	0%	فيتامين د	0 ملجم	0%
<b>Calcium</b>	34.85 mg	3%	كالكسيوم	34.85 ملجم	3%
<b>Iron</b>	0.612 mg	3%	حديد	0.612 ملجم	3%
<b>Vitamin A</b>	48.45 mcg	5%	فيتامين أ	48.45 ميكروجم	5%
<b>Vitamin C</b>	58.055 mg	65%	فيتامين ج	58.055 ملجم	65%

Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher, or lower depending on your calorie needs: 2000  
نسب اللحنجات الؤومفة هه عىل اساس نظام غذا ءعمن 2000  
سعر حرؤى احنفا جانك الؤومفة قءءن كون أءىل أو أقل بحسب حاجءك من السعرك الحرؤفة

## 7 – Allergy and Free of 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	
Sojabeans and products thereof		No	
Milk and products thereof ( including lactose )		No	
Nuts and products thereof ( almond, hazelnut, walnut, cashew, pecannut, 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 SO <sub>2</sub>		No	
Lupin and products thereof		No	
Mollusc and products thereof		No	
<b>GMO information</b>			
Is this product free of GMO	Yes		

## 8 – Shelf life, Storage and Packaging Details.

<b>Packaging Method</b>	Manual	<b>Shelf life</b>	18 month
<b>Packaging Type</b>	Carton	<b>Storage temperature</b>	-18 °C
<b>Items per carton</b>	15 * 400 g or 1 * 10 kg	<b>Transportation Temperature</b>	-18 °C
<b>Cartons per pallet</b>	110 Carton		
<b>Net Weight</b>	6 kg or 10 kg		
<b>Preservation</b>	-18°C		
<b>Marking</b>	Product name, net weight, expiry date, units per case, production code, Contact details. Do not refreeze after defrosting.		

**Reference: CODEX STAN 110-1981**