

ARDO SA 56110 GOURIN	SPECIFICATION IQF LEAF SPINACH ARDO		Date : 29/11/2016
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DEFINITION

The frozen leaf spinach is prepared from fresh, healthy, very well cleaned leaf spinach of the genus *Spinacia Oleracea L.* Spinach is washed, blanched, cooled, and then frozen at -18°C.

ORGANOLEPTICAL CRITERIA

Aspect: Dark green colour

Taste: Characteristic of spinach

DEFINITION OF DEFECTS

FOREIGN MATTER: Organic matter, animal matter, toxic vegetables, and thistles.

EXTRANEIOUS VEGETABLE MATERIAL: Vegetable matter not derived from the spinach plant.

BLEMISHED OR DISCOLORED LEAVES: Blemished or discoloured leaves or pieces of leaves with diameter ≥ 10 mm.

BROWN LEAVES: Brown leaves or pieces of leaves (rot) with diameter ≥ 10 mm.

FLOWERBUDS: Inflorescence > 25 mm in length, and flower buds removed from capitulum.

PIECES OF ROOTS: Any part of the root (red or not) which is attached or not to leaves and other vegetable materials derived of the plant of spinach others than leaves, pieces of leaves or stalks (example: crown).

LITTLE PIECES: Pieces of leaves < 10 mm (measured with a sieve of 10x10 mm).

STALKS: Free stalks

CLUMPS: Leaves agglomerates.

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IQF SPINACH SPECIFICATIONS

	CRITERIA	SPECIFICATIONS
On a blanched sample of 1 000g	Foreign matter	Absence
	FEVM	≤ 2 pieces
	Blemished or discolored leaves	≤ 8 pieces
	Brown leaves	≤ 1 piece
	Flowerbuds	≤ 2 pieces
	Pieces of roots	≤ 1 piece
On a frozen sample of 1 000g	Little pieces	≤ 15 % (in mass)
	Stalks	≤ 10 % (in mass)
	Clumps from 30 g to 70 g	≤ 3 pieces
	Clumps > 70 g	Absence
On a sample of about 1 00g	Dry matter	Mini 6,5 %
	Nitrates	≤ 2000 ppm

BACTERIOLOGICAL DATA

	Cible	Maximum
<i>Escherichia coli</i>	10/g	100/g
<i>Listeria monocytogenes</i>	10/g	100/g
<i>Salmonella</i>	Abs/25g	Abs/25g

ORIGIN

France

SHELF LIFE

24 months 1x 10 kg

30 months 10x 1 kg

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NUTRITIONAL VALUES average per 100 g

Energy: 108 kJ; 26 kcal

Fat: 0.8 g
Saturated fatty acids: 0.1 g
Carbohydrate: 0.5 g
Sugar: 0.3 g
Fibers: 2.1 g
Proteins: 3.1 g
Salt: 0.04 g

STORAGE INSTRUCTIONS

Store at – 18°C

COOKING SUGGESTIONS

(Without defrosting)

- In the saucepan:

Put the spinach in salted boiling water. Bring to the boil and cook for 3 minutes. Drain.

- In the microwave*:

Put the spinach into a microwaveable container. Cover and cook for the recommended time. Stir in the middle time.

For 250 g: 4 minutes

For 500 g: 7 minutes

* Times given for a microwave oven with a power of 900 Watts.

- Steam:

Put the spinach in a steaming basket. Put them over boiling water and steam uncovered for about 7 minutes.

DECLARATION OF NON-GMO

Hereby Ardo declares that none of our products, produced, packed, delivered and sold are genetically modified. None of the ingredients contain any genetically modified organism. No biotechnology or processing agents produced by means of gentechonology have been used during production. The product complies with the European non-GMO regulation (EG) nr. 1829/2003 and 1830/2003.

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DECLARATION OF NON-IONISATION

Hereby Ardo declares that neither the finished product, nor the raw materials which were used have been treated with ionizing radiation.

DECLARATION OF ALLERGENS

	Used as ingredient in the product (yes / no)	Nature of constituents
Cereals containing gluten and products thereof	No	
Crustaceans and products thereof	No	
Molluscs and products thereof	No	
Eggs 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	No	
Celery and products thereof	No	
Mustard and products thereof	No	
Sesame seeds and products thereof	No	
Lupine and products thereof	No	
Sulphur dioxide and sulphites. The maximum content > 10 ppm (mg/kg or mg/litre). expressed in SO ₂	No	