



PRODUCT SPECIFICATION

number: 9
initials: RD
date: 8/12/2023

IQF sweetcorn kernels

1. Description

Product description IQF sweetcorn
Process description The corn is separated from the corn cob, sorted, washed several times, blanched and individually quick-frozen.

Latin name *Zea mays*
Composition size %
Kernel 100%

Ingredient declaration 100% Sweetcorn standard
Vegetarian/vegan information The product is suitable for vegetarians and vegans.
Organic Not applicable

2. Microbiological standards (cfu/g)

	MAXIMUM
<i>Total aerobic mesophile plate count</i>	1.000.000
<i>Enterobacteriaceae</i>	10.000
<i>Escherichia coli</i>	100
<i>Listeria monocytogenes</i>	<10
<i>Staphylococcus aureus</i>	100
<i>Salmonella</i>	absent/25g

3. Chemical standards

Heat treatment	Blanched
Pesticides	in accordance with EC regulation 396/2005 and its modifications
Heavy metals, mycotoxins and nitrates	in accordance with EC regulation 2023/915 and its modifications
GMO	the product is free from gmo, according to the EC regulations 1829/2003 and 1830/2003 and its modifications
Irradiation	the product is not irradiated

**PRODUCT SPECIFICATION**number: 9
initials: RD
date: 8/12/2023**IQF sweetcorn kernels****4. Sensorial standards**

Per 200 g (prepared)	
Colour	characteristic fresh yellow
Flavour/Odour	characteristic sweet, no off flavours/odours
Texture	flesh slightly soft, skins may be firm

5. Average nutritional values

Sweetcorn standard	per 100 g	unit	% RI* per 100 g	RI*
Energy	462	kJ	6%	8400
Energy	110	kcal	5%	2000
Fat	1,6	g	2%	70
of which saturates	0,24	g	1%	20
Carbohydrate	18,4	g	7%	260
of which sugars	2,3	g	3%	90
Fibre	3,2	g	-	-
Protein	3,8	g	8%	50
Salt	0,00	g	< 1%	6

*Reference intake of an average adult (8400 kJ / 2000 kcal)



PRODUCT SPECIFICATION

number: 9
 initials: RD
 date: 8/12/2023

IQF sweetcorn kernels

6. Allergen information

Allergens according to the EU Regulation 1169/2011 and its modifications:

	Product contains (+) or is free from (-)
Cereals containing gluten, namely: wheat, rye, barley, oats, spelt, kamut or their hybridised strains, and products thereof; except: 1/ wheat based glucose syrups including dextrose, 2/ wheat based maltodextrins, 3/ glucose syrups based on barley, 4/ cereals used for making alcoholic distillates including ethyl alcohol of agricultural origin.	-
crustaceans and products thereof	-
eggs and products thereof	-
fish and products thereof; except: 1/ fish gelatine used as carrier for vitamin or carotenoid preparations, 2/ fish gelatine or Isinglass used as fining agent in beer and wine	-
peanuts and products thereof	-
soybeans and products thereof; except: 1/ fully refined soybean oil and fat, 2/ natural mixed tocopherols (E306), natural D-alpha tocopherol, natural D-alpha tocopherol acetate, natural D-alpha tocopherol succinate from soybean sources, 3/ vegetable oils derived phytosterols and phytosterol esters from soybeans sources, 4/ plant stanol ester produced from vegetable oil sterols from soybean sources	-
milk and products thereof (including lactose); except: 1/ whey used for making alcoholic distillates including ethyl alcohol of agricultural origin, 2/ lactitol	-
nuts i.e. almonds, hazelnuts, walnuts, cashews, pecan nuts, brazil nuts, pistachio nuts, macadamia nuts and queensland nuts and products thereof; except: nuts used for making alcoholic distillates including ethyl alcohol of agricultural origin	-
celery and products thereof	-
mustard and products thereof	-
sesame seeds and products thereof	-
sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre expressed as SO ₂	-
lupin and products thereof	-
molluscs and products thereof	-



PRODUCT SPECIFICATION

number: 9
initials: RD
date: 8/12/2023

IQF sweetcorn kernels

7. Definitions of defects

Defect	Definition
Dry matter	Dry matter
Foreign Matter (FM)	This includes any material not derived from the plant nor defined as FEVM. Examples of foreign matter include insects, pieces of insects, wood, glass, mineral stones, metal, snails, slugs, toxic berries etc.
Foreign Extranious Vegetable Matter (FEVM)	This includes any vegetable material not derived from vegetable, and which is non-toxic. Examples are stalks pieces, leaves or pods,..
Extranious Vegetable Matter (EVM)	This includes any extraneous vegetable material derived from the plant, this includes leaf, leaf pieces, tendrils, pieces of pods, loose stems, twins, clusters, pieces of plants,..
Blemishes>2mm	Discoloured or blemished areas, other than black eyes, more than an equivalent circle of 2 mm
DamagedKernels	Kernels which are crused and/or have loose skins



PRODUCT SPECIFICATION

number: 9
initials: RD
date: 8/12/2023

IQF sweetcorn kernels

8. Defects

Defect (*)	Sample size	UOM	MAXIMUM
Dry matter	200g	%	Min-Max:30-34
Foreign Matter (FM)	500g	pcs/500g	Appropriate measures are taken to avoid FM
Foreign Extranious Vegetable Matter (FEVM)	500g	pcs/500g	Appropriate measures are taken to avoid FM
Extranious Vegetable Matter (EVM)	500g	pcs/500g	2
Blemishes>2mm	200g	pcs/200g	4
DamagedKernels	200g	%	10

() Apart from the mentioned physical defects, all our products are in compliance with EU legislation and legislation from specific EU countries (example CTCPA from France)*

9. Cooking instructions

Cook from frozen. Heat untill core reaches minimum 80°C. Do not refreeze after defrosting.

10. Storage instructions

-18°C, see BBD

11. Packing information

See packing specification



PRODUCT SPECIFICATION

number: 9
initials: RD
date: 8/12/2023

IQF sweetcorn kernels

12. Approval

	Approved on behalf	Approved on behalf of:
Company name:	Ardo Group	
Name:	Ruth Demuynck	
Function:	Product Specification	
Date:	8/12/2023	
Signature:		