

Technical Specification: MC 7561 – SUNFLOWER KERNELS “BAKERY” – 25kg

General Information

Code	7561
Description	Hulled sunflower kernels
Origin	Moldova
Shelf Life	12 months
Cartons per pallet	30
Net weight	25 kg
Packaging	3-layer paper bags / polypropylene bags

Organoleptic Parameters

Appearance	oblong-roundish kernels
Colour	Grey-white
Texture	Hard, not brittle or damp
Flavour	Fresh, nutty, not bitter
Odour	Fresh, nutty, not bitter

Ingredient List

<i>Ingredients</i>
Sunflower kernels

Product Specific Information

Kernels size	680 – 720 kernels/ounce
Purity	> 99,95% completely free from glass, stones, metals and plastics

Foreign body control

Metal detection	Fe	0,7 mm
Metal detection	non-Fe	1,0 mm
Metal detection	stainless steel	1,5 mm

Defect Tolerance

Discoloured	< 2%
Broken	< 8% (smaller than ½ kernel)
Insect damage	< 1%
Unhulled / stick – tights	< 0,1%
Foreign matter (trimming)	< 0,05%
Animal / mineral / plant	0% / 0% / < 0,05%

Microbiology (at production)

Aerobic plate count	< 100.000 cfu/g
Yeast	< 10.000 cfu/g
Moulds	< 10.000 cfu/g
E. Coli	< 10 cfu/g
Coliforms	< 1.000 cfu/g
Listeria	Absent in 25g
Staphylococcus aureus	< 100 cfu/g
Enterobacteriaceae	< 1.000 cfu/g
Aflatoxins B1	< 2 ppb
Aflatoxins B1+B2+G1+G2	< 4 ppb
Salmonella	Absent in 25g

Physical and chemical characteristics

Oil/fat content	< 50%
Water content	< 8%
Free Fatty Acids	< 1,5%
Peroxide number	< 3
Cadmium	< 0,5 mg/kg
Gluten	< 20mg/kg
Bacillus cereus	< 100 cfu/g

Nutritional Values

Average NV	Per 100g
Energy	2666 kJ / 643 kcal
Fat	52 g
Of which saturated	4,5 g
Carbohydrates	20 g
Of which sugars	2,6 g
Fibers	8,6 g
Protein	21 g
Salt	0,23 g

The nutritional values above can vary from the labels. The rounding is according to EU
legalisation: EC No 1924/2006 and 1925/2006.

Intolerance Data

Ingredients and derivates causing hypersensitivity according to EU legislation.	Used in the product (incl. as carrier for additives, carry over additives, processing aid).			Able to cross contaminate the product?	
	Yes	No	?	Yes	No
Cereals containing gluten and products thereof (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains)		X			X
Crustaceans and products thereof		X			X
Eggs and products thereof		X			X
Fish and products thereof		X			X
Peanuts and products thereof (inc. oil)		X			X
Soybeans and products thereof (inc. lecithin)		X			X
Milk and products thereof (inc. lactose)		X			X
Nuts and products thereof (incl. oil)					
- Hazelnut		X			X
- Walnut		X			X
- Almond		X			X
- Cashew		X			X
- Pecan nut		X			X
- Brazil nut		X			X
- Pistachio nut		X			X
- Macadamia nut		X			X
Celery and products thereof		X			X
Mustard and products thereof		X			X
Sesame and products thereof (inc. oil)		X			X
Sulphur dioxide and sulphites at concentrations of more than 10mg/kg or 10mg/l expressed as SO ₂		X			X
Lupine and products thereof		X			X
Molluscs and products thereof		X			X

Storage Conditions

Keep cool and dry, away from sunlight and foreign odours. For storage conditions once opened please see label.

Legal Information

The supplier hereby declares that all products delivered to Markelbach & Corne comply with all relevant European and Belgian legislation, as for instance:

Contaminants: EC/2023/915 (and amendments): setting maximum levels for certain contaminants in foodstuffs

Material and articles coming into contact with food: EC/1935/2004, EC/2023/2006 and EC/10/2011 (and amendments).

Food information and allergens: EC/1169/2011 and amendments

Pesticide residues: EC/396/2005, 2007/7/EC, 86/362/EC, 90/642/EC and their amendments.

Coating materials: BPA and others EC/1895/2005 of 18 November 2005 on the restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food.

Radioactive contamination of food and feed: regulations EC/2016/52, EC/2016/6 EC/733/2008.

GMO declaration :

The representative from Markelbach & Corne N.V. declares and certifies that this product is GMO free and is thus not included within the application of the scope of EC 1829/2003, regarding genetically modified foods and animal feed, nor of EC 1830/2003, regarding traceability and labelling of GMO and traceability of products derived from genetically modified foods.

Declaration of Non-Ionisation & Non-Irradiation:

The undersigned, declares and certifies that this product has not been radiated or is not treated in any way by Ionising rays cfr. ionisation EC/1169/2011 , EC/2+3/1999 & Irradiation EC/6/2016.

Validation

(Electronically) Created by:	(Electronically) Validated by:
QO Quality	Quality departement
Date: 13/12/2023	Date: 13/12/2023
Version Number	V12.2023