



RAW PRODUCT SPECIFICATION

PRODUCT NAME	SUNFLOWER KERNELS
TYPE	BIRDFEED GRADE, NOT SUITABLE FOR HUMAN CONSUMPTION
STATUS	IN PRODUCTION
VERSION NUMBER	12
COUNTRY OF ORIGIN	BULGARIA
PRODUCT CODE	1931

SUPPLIER DATA

Supplier Name:	Sadina 99 Ltd	Manufacturing Sites:	Sadina Plant Ltd
Address:	Bulgaria	Address:	Bulgaria
Telephone Number:	+35	Telephone Number:	+35
Fax Number:	+35	Fax Number:	+35

CONTACTS

Technical:	Position: Product Manager	E-mail:
Commercial:	Position: Foreign trade director	E-mail:
Export & Logistic:	Position: Export & Logistic manager	E-mail:
Quality Assurance:	Position: QA manager	E-mail:
Documentation:	Position: Logistic & documents handing	E-mail:
Financial:	Position: Chief financial operations	E-mail:

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MATERIAL DATA

Product Description: Small oval seeds, typical sunflower kernels
Colour: Light grey, uniform in colour, sound and merchantable quality
Flavour: Fresh, typical, nutty, not rancid, without off-tastes
Texture: Firm with bite, not soft.
Shelf Life:
Maximum from manufacture 365 days
Minimum remaining prior shipment from manufacture site 350 days
Unopened 365 days
Size: **680 kernels per ounce +/- 10 %**

PHYSICAL SPECIFICATIONS

Moisture	Max 7.5 %
Broken kernels (1/2 or less)	Max 10 %
Damaged kernels	Max 2.0 %
Unshelled kernels	Max 0.5%
Yellow kernels	Max 2.0 %
Impurities (plant based)	Max. 0.5 %
Purity	Min 99.5 %

INGREDIENTS

Ingredient	As Declared on End Label	% Composition	Country of Origin
Sunflower Seed	Hulled sunflower kernels	100	Bulgaria

Additives: List of all additives used in the formulation, include colours, processing aids, and carry over additives from compound ingredients.

E. Number	Name	Function/Description
XXXXX	NONE	No any additives used.

GENE TECHNOLOGY

Product or any of its ingredients doesn't contain any genetically modified material. There are no any marker genes present in the product, his ingredients, or into processing aids. Product is **free from GMO**.

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MICROBIOLOGY

Microbial Organism	Max. Level	Unit	Test Method
Total Viable Count	50 000	cfu/g	BSS EN ISO 4833-1:2013
Yeast & Moulds	10 000	cfu/g	ISO 21527-2:2008
Salmonella spp.	absent in 25/125 gr.	cfu/g	BSS EN ISO 6579:2005
Listeria monocytogenes	Absent in 25/125 gr.	cfu/g	BSS EN ISO 11290-1:2017

NUTRITIONAL VALUES in 100g

Total protein (Nx6.25)	21.61 % +- 0.42
Carbohydrates	24.47 % +- 1.58
of which sugars	3.13 % +- 0.26
Of which fiber	10.03% +- 1.72
Fats	46.81% +- 0.72
Saturated fatty acid	5.01% +- 0.51
Unsaturated fatty acid	41.7%
Monounsaturated fatty acid	14.07%
Polyunsaturated fatty acid	27.63%
Ash	3.41 % +- 0.26
Moisture	3.7 % +- 0.29
Energy value	591.75 kcal/100g
MINERALS	in 100 g
Sodium (Na)	0.004 g
Calcium (Ca)	96.8 mg
Magnesium (Mg)	337.8 mg
Zinc (Zn)	5.5 mg
Phosphorus (P)	792.5 mg
Iron (Fe)	4.85 mg
VITAMINS	in 100 g
Vitamin B1	862.5 µg
Vitamin B3	450.8 µg
Vitamin B6	77.58 µg
Tocopherols (Vit. E)	17.584 mg

Nutritional values can vary by variety of seeds, crop, season.

RAW MATERIALS/ INGREDIENTS TETSING

Raw Material	Test	Frequency	Standard	Tolerance
Sunflower seeds	Moisture	Every 20000 kg.	ISO 665 ISO 658	+/- 0.5%
	Admixtures Pesticides	Every 6 months		

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PACKAGING INFORMATION

Type of package: 3 plies craft paper bag
Method of Sealing: sewing automatic
Nett Unit Weight: 25000 gr. / 22680 gr. – 50 lbs/
Gross Unit Weight: 25160 gr. / 22840 gr. – 50.07 lbs/
Dimensions: 8400 x 4800 x 1700 mm. (x, y, z)
Coding details: Product code, Product Name, batch code and best before date
Pallet types: one-time use WOODEN, heat treated according ISPM15
Euro EPAL pallets
Pallet size: 1200x800 mm. or varies.
Shrink Wrapping Present.

Big bags packing:

Big bags type: A - PP for food industry. Upper part with “Wrapper” closer, lower part with drain valve. Lifting belts 4 X each corner X 30 cm.

Dimensions of empty big bags: 90/90/150; 90/90/170 cm. (width X depth X height)

Dimensions of filled big bags: 100/100/150 ; 100/100/170 cm.

Net weight of big bag: 907kg. 1000 kg

Tara weight of big bag: around 2.1 kg.

NOTE: Packing details can vary according customer’s requirements. We provide separate packing list details per each dispatched lot.

Waste Packaging regulations: (for palette with 30 bags)

Paper: 4200 g

PET/PP: 700 g

Wood: 15000 g

Specification of product comply with EU legal requirements.

STORAGE INSTRUCTION

Keep in cool and dry place, avoid sun light. Pest control is recommended !

For and on behalf of	Print Name	Signature	Title	Date
Sadina 99 Ltd.			Executive director	1.01.2022

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