

PRODUCT SPECIFICATION

PRODUCT	Sunflower kernels – bakery grade	Certificates: BRCGS, KOSHER
Type	For human consumption	☒ Lactose intolerants
Status	In production	☒ Vegetarians ☒ Vegans
Country of origin	Bulgaria	☒ Coeliacs
Product code	1911	☒ Halal

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	Max from manufacture 365 days; Min prior shipment 350 days; Unopened 365 days
Ingredients	100 % Sunflower seeds
Product free from:	GMO, Gluten, Allergens and cross contamination, Colours, Additives. Traces of wheat/ barley/ oats/ paddy rice/ triticale/ corn are possible, within limits of physical specifications- max 0.02% (< 20 ppm), as these are naturally occurring from field. Product is manufactured in single-production facility, limiting risk of cross-contamination.

SAFETY & FOREIGN BODY PREVENTION	X-Ray, Metal detector, De- stoner, Optic sorter, sieves, aspiration
PACKAGING	We provide separate packing list details per each dispatched lot.
STORAGE INSTRUCTION	Keep in cool and dry place, avoid sun light. If possible, store distant from packaging and auxiliary materials. Proper pest control and warehouse management is BUYER's responsibility.

Claims for presence of live infestation will be accepted at place of first unloading of goods, not later than 5 days after delivery. Pest management is BUYER's responsibility. Microbiology parameters are valid within 20 days after first unloading.

PHYSICAL SPECIFICATION		MICROBIOLOGY, HEAVY METALS & PESTICIDES	
Moisture	Max. 7.5 %	Total viable count	Max 50 000 cfu/g
Broken kernels (1/2 or less) *	Max. 10%	Yeast and moulds	Max 10 000 cfu/g
Damaged kernels(incl. discolored)	Max. 2.0 %	Salmonella spp	Absent in 25g
Unshelled kernels	Max. 0.5%	Listeria monocytogenes	Absent in 25g
Brown kernels	Absent	Coliforms ; Enterobacteriaceae	< 100 cfu/g
Yellow kernels	Max. 1.0 %	E coli	< 10 cfu/g
Impurities (plant based)	Max. 0.02 %	Aflatoxin (B1+B2+G1+G2), Ochratoxin A	EU REG.2023/915
Sclerotia	Absent	Heavy metals	EU REG.2023/915
Purity	Min. 99.98 %	Pesticides	EU REG. 396

* Broken % is analysed at the time of packaging of finished product. It is possible that % is increased during loading, transport, unloading.

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NUTRITIONAL VALUES	in 100 g	MINERALS	in 100 g
Energy value	592.000 Kcal/ 2478 kJ	Sodium (Na)	0.004 g
Total protein (Nx6.25)	21.61%	Calcium (Ca)	96.80 mg
Carbohydrates	24.47%	Magnesium (Mg)	337.80 mg
of which sugars	3.13%	Zinc (Zn)	5.50 mg
of which fiber	10.03%	Iron (Fe)	4.850 mg
Fats	46.81%	Phosphorus (P)	792.50 mg
Saturated fatty acid	5.01%	VITAMINS	in 100 g
Unsaturated fatty acid	41.70 %	Vitamin B1	862.50 µg
Monounsaturated	14.07%	Vitamin B3	450.80 µg
Polyunsaturated	27.63%	Vitamin B6	77.580 µg
Ash	3.41%	Vitamin E	17.584 mg
Moisture	3.70%		

*Above values are indicative. Nutritional values can vary by variety of seeds, crop, season.

All parameters in this product specification are valid explicitly for the product, delivered by Sadina, in its unchanged state and original packaging. Any type of processing of product (including re-packaging) can affect limits and parameters of product and must be preliminary communicated with Sadina, and Sadina must confirm transfer of certain parameters to processed product.

SUPPLIER DATA			
Supplier Name	Sadina 99 Ltd	Manufacturing Site	Sadina Plant Ltd
Address	ul. Otets Paisiy № 33 4000 Plovdiv, Bulgaria	Address	4160 Bresovo, Bulgaria
Telephone Number	+35932643943	Telephone Number	+35932643941

CONTACTS			
EMERGENCY CONTACT		SALES	
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QUALITY ASSURANCE		LOGISTIC & ORDERS	
Mrs. Maria Ilykova	qa@sadina.com	Mrs. Mariela Batinkova & Mr. Petar Danchev	logistic@sadina.com

For and on behalf of	Print Name	Title	Signature
Sadina 99 Ltd.	Maria Ilykova	QA Manager	



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