



Si Ko Ltd.
 Production Base
 Dolna Mitropolia 5855
 Bulgaria, Farmyard
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Product Specification

General Information	
Product:	Hulled Sunflower Kernels
Type	Bakery
Size	650 Osz +/-50
Origin:	Bulgaria
HTS	12060091
Certificates	BRC, Kosher, FSMA, FDA registration.
Physical Characteristics:	
Product discription	Healthy and ripe sunflower seeds peeled and cleaned, for roasting, repeatedly machine-cleaned and optically sorted
Appearance:	Raw, dry, and firm kernels with off-white to gray coloring
Flavor and odor:	Cool and sweet typical sunflower nut meat flavor, free from foreign flavors or odors
The product is suitable for:	Vegetarians, Vegans, Lactose intolerant, Kosher
Typical Analysis:	
Purity (including natural foreign matter):	≥ 99.97 %
Moisture	4.00-8.00%
Brokens (½ kernel or less):	≤ 8%
Natural foreign matter	0.03 % max
Stickights (more than 25 % covered by shell)	0.5%
Insect Damage	≤ 2 %
Dark, Stained kernels	≤ 0.5 %
X – ray and metal detector scanned	Scanned for glass, wood, stones, metal
Microbiological Analysis	
TPT	< 100 000 cfu/g
Enterobacteriaceae	< 1000 cfu/g
Bacillus cereus	< 100 cfu/g
Yeast and mold	< 10 000 cfu/g
Staphylococcus	< 100 cfu/g
Salmonella	Absence in 25/125 g
Listeria	Absence in 25/125 g
E. coli	< 10 cfu/g
Aflatoxin B1	≤ 2 mg/kg
Aflatoxin B1+ B2+G1+G2	≤ 4 mg/kg
Chemical characteristics	
Cadmium	< 0,1mg/kg
Lead	< 0,1mg/kg
Iron	< 0.5 mg/kg
Arsenic	< 0.1mg/kg
Oil Contain	44%
FFA	< 1,50%
PON	< 3 meq O2/kg



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Irradiation	No		
Pesticides	According EU regulation 396/2005		
Shelf life:	12 Months under storage conditions: • Temperature < 15° C • Relative Humidity < 65 %		
Nutritional Data per 100 g			
Calories	640 kcal	Selenium, mcg	53
Fat, total,g	44	Magnesium, mg	325
Saturated fat, g	4.45	Manganese, mg	1.95
Monunsaturated fat, g	18.53	Phosphorus, mg	660
Polyunsaturated fat, g	23.14	Copper, mg	1.8
Cholesterol(mg)	0	Total Vitamin A (mcg RAE)	0
Trans fat, g	0.05	Vitamin B1 (Thiamin), mg	1.48
Carbohydrate, g	20	Vitamin B2 (Riboflavin), mg	0.355
Ash, g	3.02	Vitamin B3 (Niacin), mg NE	8.355
Water, g	4.73	Vitamin B6 (Pyridoxine), mg	1.345
Protein, g	20.78	Vitamin B12 (Cobalamin), mcg	0
Dietary fiber, total, g	8.6	Folate, mcg DFE	227
Sodium, mg	9	Pantothenic Acid, mg	1.13
Zinc, mg	5	Vitamin E (Tocopherol), mg	35.17
Calcium, mg	78	Vitamin C, mg	1.4
Iron, mg	5.25	Vitamin D, mcg	0
Potassium, mg	645		
GMO - FREE			
GLUTEN- < 3ppm			

Packaging		
Type	Material	Size
Paper bags 22.68 kg. /25.00 kg. Sewn with colored thread	3 - layered paper bags with PE-layer	160x480x850
Totes/ Big Bags From 625- 1000 kg	Polypropylene	BB 90/90/180
Pallets	Wooden pallets	1200/800 mm

Legal aspects
This product complies with EU food law. It is the customer's responsibility to check that the product complies with the food regulations in the country where the final product will be sold. Specification is subject to reconfirmation.

Date:12.05.2022

