

1. General product information

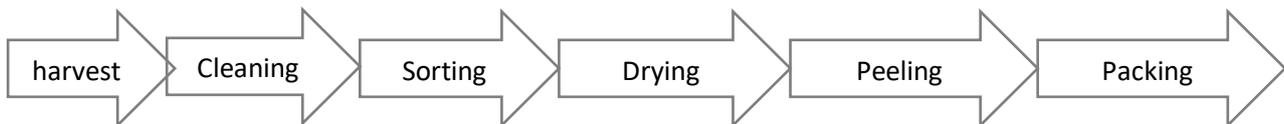
| | |
|--|--|
| Sales description: | Sunflower seeds, peeled (<i>Helianthus annuus</i>) |
| Freshness ratio/ concentration factor: | 100 % |
| Country of origin: | EU, Bulgaria, Slovakia, Hungary, others possible |
| Ingredients (descending in %): | 100 % sunflower seeds, peeled |

2. Description / production process

The sunflower belongs to the family of composite flowers. The peeled sunflower seeds are typically characterised by oval seeds in the colours light to dark grey.



The product can be consumed raw and processed with or without other food.



3. Sensory characteristics

| | |
|--------------|--|
| Appearance | Oblong-round, light until dark grey cores, ca. 5 mm, slight differences possible |
| Consistency: | Firm to the bite |
| Odor/Flavor: | Characteristic, slightly nutty, without foreign odor/flavor |

4. Chemical and physical characteristics

| Parameter | min. | max. | unit |
|--|-------|------|------|
| Moisture content | | 8,0 | % |
| Purity | 99,97 | | % |
| Foreign materials of plant origin/ foreign seeds | | 0,03 | % |
| Additions | - | - | - |

5. Residues and contaminations

| Parameters | Requirements |
|-------------------------------------|--|
| Pesticide residues | BNN orientation value: 0.01mg/kg for single substances, max. 2 substances detectable. |
| Contamination and chemical residues | Pursuant to the EU Regulation setting maximum levels for certain contaminants in foodstuffs, as amended. |

6. Microbiological Characteristics

| | | | |
|--------------|------------|----------------|--------------------------------|
| Changed on: | 12.06.2020 | Carolin Berger | Reason for change: new address |
| Checked on: | 12.06.2020 | Günther Braun | |
| Released on: | 12.06.2020 | Günther Braun | |

| | | |
|--|---|--|
|  | Product-specification ORGANIC Sunflower seeds peeled - 99,97 | Version: 7 |
| | | Valid since: 16.07.2019 |
| Brunnenhausweg 15 91583 Schillingsfürst Tel: +49 9868 934 2084 Fax: +49 9868 934 2086 E-Mail: info@gb-foods.com | product number: 27550 | page 2 of 4  DE-ÖKO-006 |

| Parameters | Limit | Unit |
|---------------------------|---------|-------|
| Total aerobic plate count | 100.000 | KbE/g |
| Yeasts | 10.000 | KbE/g |
| Molds | 10.000 | KbE/g |
| Enterobacteria | 10.000 | KbE/g |
| Escherichia Coli | 10 | KbE/g |
| Salmonellae | 0 | /25 g |

7. Nutritional value

| | Unit | Per 100 g |
|-------------------------------|-----------|------------|
| Energy | Kcal / kJ | 644 / 2668 |
| Fat | g | 51,5 |
| - Saturated fatty acids | g | 4,46 |
| - monounsaturated fatty acids | g | 18,53 |
| - polyunsaturated fatty acids | g | 23,14 |
| Carbohydrates | g | 20,0 |
| - Sugar | g | 2,62 |
| Fiber | g | 8,6 |
| Protein | g | 20,8 |
| Sodium | mg | 22,5 |

Origin of the data: the data
 was calculated / the data was
 analyzed

8. Packaging and shelflife

Packaging: 22,68 / 25 kg bags
 Shelflife: 12 months (closed in original package)
 Storage conditions: cool (< 20 °C), dry (< 65 % rel. humidity) and protected from light

9. Certificate

Please note that not all our suppliers are certified according to BRC or IFS standards, but have a certified quality or risk management system.

10. GMO Status

The product does not need to be labelled in accordance with Regulations (EC) Nos 1829/2003 and 1830/2003 on genetically modified food and feed.

11. Allergens

| | | | |
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ORGANIC Sunflower seeds
peeled - 99,97

product number: 27550

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| Marking obligation allergens in Annex IIIa to directive 2000/13/EC | In product Yes: + No: - | Cross-contamination possible: Yes: + No: - |
|--|-------------------------------|--|
| Gluten-creals (means wheat, rye, barley, oats, spelt, kamut or their hybridized strains) and products thereof. | - | - |
| Crustaceans and products thereof. | - | - |
| Eggs and products thereof. | - | - |
| Fishes and products thereof. | - | - |
| Peanuts and products thereof. | - | - |
| Soybeans and products thereof. | - | - |
| Milch und daraus gewonnene Erzeugnisse (einschließlich Laktose) | - | - |
| Nuts, d. H. Almonds (<i>Amygdalus communis</i> L.), hazelnuts (<i>Corylus avellana</i>), walnuts (<i>Juglans regia</i>), Cashew (<i>Anacardium occidentale</i>), pecans (<i>Carya illinoensis</i> (Wangenh.) K. Koch), Brazil nuts (<i>Bertholletia excelsa</i>), pistachios (<i>Pistacia vera</i>), Macadamia nuts and Queensland nuts (<i>Macadamia ternifolia</i>) and products thereof | - | - |
| Celery and products thereof. | - | - |
| Mustard and products thereof. | - | - |
| Sesame seeds and products thereof. | - | - |
| Sulfur dioxide and sulphites in concentrations higher than 10 mg / kg or 10 mg / l, expressed as SO ₂ . | - | - |
| Lupin and products thereof. | - | - |
| Molluscs and products thereof. | - | - |

| Allergens of the LeDa bzw. ALBA-List | In product Yes: + No: - | Cross-contamination possible: Yes: + No: - |
|---|-------------------------------|--|
| Legal allergens | | |
| Wheat | - | - |
| Rye | - | - |
| Barley | - | - |
| oats | - | - |
| Spelt | - | - |
| Kamut | - | - |
| <i>Gluten</i> | - | - |
| crustaceans | - | - |
| Egg | - | - |
| Fishes | - | - |
| Peanuts | - | - |
| Soy | - | - |
| Milk | - | - |
| Almonds | - | - |
| Hazelnuts | - | - |
| Walnuts | - | - |
| Cashews | - | - |

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| Allergens of the LeDa bzw. ALBA-List | In product | Cross-contamination possible: |
|---|-----------------|-------------------------------|
| | Yes: + No: - | Yes: + No: - |
| pecans | - | - |
| Brazil nuts | - | - |
| pistachios Queensland | - | - |
| Macadamia / nuts | - | - |
| Nuts (Nuts) | - | - |
| celery | - | - |
| mustard | - | - |
| Sesame seeds | - | - |
| Sulfur dioxide and sulphites (E220 - E228) in concentrations of more than 10 mg/kg or 10 mg/l, expressed as SO2 | - | - |
| lupines | - | - |
| molluscs | - | - |
| additional allergens | | |
| lactose | - | - |
| cocoa | - | - |
| Glutamate (E620 - E625) | - | - |
| hen | - | - |
| coriander | - | - |
| Corn | - | - |
| legumes | - | - |
| beef | - | - |
| pork meat | - | - |
| carrots | - | - |

12. Legal Status

The product corresponds to the **German and European food regulations** according to the currently valid version, as well as the current **EU regulation on organic farming**.

The product consists neither of genetically modified organisms nor does it contain such organisms or is manufactured from them. Therefore there is no labelling obligation. There is **no intentionally technically produced nanomaterial contained** in the product and packaging, so that these do not have to be labelled. The product has not been exposed to artificially ionising radiation.

This specification contains guideline values. Fluctuations in appearance, composition, smell and taste are due to the natural origin of the ingredients. The above specification is based on information provided by our suppliers. We recommend to test the suitability of our products by own tests.

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