

## Egg Albumin Powder high whipe

- Ingredients:** Desugared, spray dried caged egg white, E 1505, E 330
- Product description:** Desugared, spray dried caged egg white
- The origin of raw material:** Poland, UE countries
- Technological process:** Fresh hen caged eggs breaking, white separation, filtration, desugarisation (fermentative or enzymatic), drying, packaging, pasteurization, storage
- Equivalent Indicators:** 100 g of egg albumin powder and 900 ml of water = 1 kg liquid egg white ~ 34 hen egg whites of average weight
- Powder solubility:** Recommended solution: 100-300 g of egg albumin powder in 700-900 ml of water about 20° C
- Density of powder pouring:** 430±20 kg/m<sup>3</sup>
- Organoleptic features:**
- Homogeneous dry substance without any solid contamination
  - Natural smell and taste adequate to essence of egg white
  - Colour – white to cream, homogeneous

**Microbiological data:**

- Total Viable Count
- Enterobacteriaceae
- Staphylococcus aureus
- Salmonella
- Yeast
- Mould

	Typical parameters	Guaranteed parameters
	<10 000	<1x10 <sup>5</sup>
	<10 in 1g	<100 in 1g
		Negative in 1g
		Negative in 25g
	<10 in 1g	<100 in 1g
	<10 in 1g	<100 in 1g

**Analytical data:**

- pH
- Moisture
- Solubility
- Reduction Sugars
- Whipping test
- Whip stability (outflow after 2 hours)
- Butyric acid content 3-OH

	Typical parameters	Guaranteed parameters
	6,0-8,0	6,0-8,5
	5%-8%	max. 9%
	92%-95%	min. 92%
	0,1%	max. 0,2%
	180-210 mm	min. 150 mm
	≤280 ml	max. 310 ml
		max. 10 mg/kg of dry substance (in dry substance of product)



**Analytical data:**

- Lactic acid content max. 1 g/kg of dry substance  
(in dry substance of row material)
- Residues of egg shells, membranes and other molecules in product < 10 mg/kg < 100 mg/kg
- Veterinary residues absent

**Harmful metals content:**

- |                | Typical parameters      |
|----------------|-------------------------|
| ■ Lead (Pb)    | no more than 0,1 mg/kg  |
| ■ Cadmium (Cd) | no more than 0,03 mg/kg |
| ■ Mercury (Hg) | no more than 0,01 mg/kg |
| ■ Arsenic (As) | no more than 0,1 mg/kg  |

**Nutritious value in 100g :**

	Typical parameters	Guaranteed parameters
■ Energetic value	1520 kJ / 366 kcal	1480 – 1610 kJ / 340 – 380 kcal
■ Fat	0,1 g	0,1 – 0,3 g
Including: Saturated fatty acids	0,03 g	0,03 – 0,1 g
Monounsaturated fatty acids	0,05 g	0,05 – 0,15 g
Polyunsaturated fatty acids	0,02 g	0,02 – 0,05 g
■ Carbohydrates	6,5 g	4,5 – 8 g
■ Protein	83,5 g	82 – 86 g
■ Sodium	0,65 g	0,6 – 0,8 g
■ Salt	1,62 g	1,5 – 2,0 g
(salt equivalent: sodium x 2,5)		
■ Fibre	0 g	0 g

**Dioxins:**

- |  | Typical parameters |
|--|--------------------|
| ■ Sum of dioxins (WHO-PCDD/F-TEQ)                                | < 2,5 pg/g of fat  |
| ■ Suma of dioxins (WHO-PCDD) and F-PCB-TEQ                       | < 5,0 pg/g of fat  |
| ■ Sum of PCB28, PCB52, PCB101, PCB138, PCB153 I PCB 180 (ICES-6) | < 40,0 ng/g of fat |

**Radiation and nanoparticles:**

We state that OVOVITA egg products were not subjected to ultraviolet radiation and to ionization process. They do not include nanoparticles and were not produced using nanoparticles

- |                     | Typical parameters |
|---------------------|--------------------|
| ■ Cs <sub>134</sub> | < 4,0 Bq/kg        |
| ■ Cs <sub>137</sub> | < 4,0 Bq/kg        |

Substances or products causing allergies or intolerances:	The presence in product YES*/NO**	The possibility of cross - contamination	Component
<b>Cereals containing gluten</b> , namely: wheat, rye, barley, oats, spelt, kamut or their hybridised strains, and products thereof	NO	NO	
<b>Crustaceans</b> and products thereof	NO	NO	
<b>Eggs</b> and products thereof	YES	YES	Hen egg white
<b>Fish</b> and products thereof	NO	NO	
<b>Peanuts</b> and products thereof	NO	NO	
<b>Soybeans</b> and products thereof	NO	NO	
<b>Milk</b> and products thereof	NO	NO	
<b>Nuts</b> , namely: almonds ( <i>Amygdalus communis</i> L.), hazelnuts ( <i>Corylus avellana</i> ), walnuts ( <i>Juglans regia</i> ), cashews ( <i>Anacardium occidentale</i> ), pecan nuts ( <i>Carya illinoensis</i> (Wangenh.) K.Koch), Brazil nuts ( <i>Bertholletia excelsa</i> ), pistachio nuts ( <i>Pistacia vera</i> ), macadamia or Queensland nuts ( <i>Macadamia ternifolia</i> ) and products thereof	NO	NO	
<b>Celery</b> and products thereof	NO	NO	
<b>Mustard</b> and products thereof	NO	NO	
<b>Sesame seeds</b> and products thereof	NO	NO	
<b>Sulphur dioxide and sulphites</b> at concentrations of more than 10 mg/kg or 10 mg/litre in terms of the total SO <sub>2</sub>	NO	NO	
<b>Lupin</b> and products thereof	NO	NO	
<b>Molluscs</b> and products thereof	NO	NO	
*YES- product contains allergenic ingredient			
**NO- product does not contain allergenic ingredient, contamination excluded, other allergens are not used in plant			

**Information on diet:**

- Kosher product certified by KLBD (status: Pareve non-Passover)
- Product suitable for vegetarians and ovo-lacto vegetarians
- Product not suitable for vegans
- Gluten-free product
- Product suitable for diabetic

**Minimum durability period:** 24 months from production date

**Storage conditions:** Dry and clean, free from foreign smell, with free circulation of air (recommended storage temperature: 0-26 °C), relative humidity should not be higher than 75%

**Packaging material:**

- HDPE bag + protection cardboard (unit packages: 10; 12,5; 25 kg)
- paper bag with foil insert (unit packages: 10; 12,5 kg)

**Certificates:** ISO 9001, ISO 22000, BRC (grade A)

**Use:** Suitable for food processing: baked products, confectionery, pharmaceutical products