

## Product Description

### EKOLAK PLUS Natural milk replacement for nutrition of pigs

**Product description:** EKOLAK PLUS is a natural milk substitute for feeding pigs, very tasty and easily digestible. They are manufactured from high-quality raw materials which are not genetically modified.

**Ingredients:** soya proteins, powdered whey, dextrose, dicalcium phosphate, amino acids and flavor

#### Chemical characteristics:

Composition	Limit values	Typical values
Protein ( N x 6,25 )	min 38,00	39,00
Moisture	max 7,00	3,50
Fat	min 5,00	6,50
Ash	max 8,00	6,90
Fibre	max 3,00	2,50
Lactosis	min 16,00	16,00
Urease activity ΔpH	mg/N/g/min	<0,30
Energy value MJ/kg	for pigs	14,35

#### Amino acid composition:

Essential amino acids	Unit	Determined value
Lysine	%	2,91
Aspartate	%	4,37
Threonin	%	1,55
Serine	%	2,03
Tryptophan	%	0,50
Arginine	%	2,79
Proline	%	1,96
Glycine	%	1,69
Alanine	%	1,77
Valine	%	1,75
Cystine	%	0,70
Methionine	%	0,52
Isoleucine	%	1,97
Leucine	%	3,35
Glutamine	%	7,21
Tyrosine	%	1,51
Histidine	%	1,02
Phenilalanine	%	2,23
Meth.+ Cystine	%	1,22

#### Toxic elements:

Toxic elements	Unit	Limit values
Cadmium	mg/kg	max 0,50
Mercury	mg/kg	max 0,10
Lead	mg/kg	max 10,00
Arsenic	mg/kg	max 2,00

#### Organoleptic characteristics:

Appearance	Homogeneous fine powder without lumps
Color	Pale yellow to yellow
Smell	Characteristic
Taste	Characteristic

#### Mineral composition:

Minerals	Unit	Determined value
Phosphorus	%	0,65
Calcium	%	0,60
Sodium	mg/kg	1.900,00
Potassium	mg/kg	17.575,35
Magnesium	mg/kg	1.900,71
Iron	mg/kg	89,59
Zinc	mg/kg	31,89
Manganese	mg/kg	16,59
Copper	mg/kg	20,54
Selenium	mg/kg	<0,1
Cobalt	mg/kg	0,12

#### Microbiology:

Microbiology	Unit	Value allowed	Typical
Clostridium botulinum in 50 g/mL	CFU	not permitted	/
Clostridium perfringens in 50 g/mL	CFU	not permitted	/
E.Coli in 50 g/mL	CFU	not permitted	/
Proteus spp. in 50 g/mL	CFU	not permitted	/
Total count aerobic mesophylic bacteria in g/mL	CFU	max 12.000.000	30.000
Salmonella spp. in 50 g/mL	CFU	not permitted	/
Moulds and yeast in g/mL	CFU	max 200.000	<500
Listeria monocytogenes in 50 g/ml	CFU	not permitted	/
Streptococcus pyogenes in 50 g/ml	CFU	not permitted	/



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### **EKOLAK PLUS**

#### **Natural milk replacement for nutrition of pigs**

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<b>Usage:</b>	The product is used as milk replacer, protein feed, for preparation of finished feed for piglets
<b>Storage conditions:</b>	Keep in dry, cool place, safe from external influences
<b>Shelf life:</b>	12 months in original packing
<b>Packaging:</b>	10, 25kg, double layer craft bags with intermediate PVC layer

**Compliance with law regulations:** In accordance with Law on food and feed safety Official Gazette of RS No.41/2009, Law on the GMO Official Gazette of RS No. 41/2009, Regulations on quality and other requirements for feed, Official Gazette of the Republic of Serbia no.04/2012, Regulation on maximum permitted amounts of residues of plant protection products in food and feed for which maximum allowable quantities of plant protection products are determined Official Gazette of RS No.25/2010., Official Gazette of RS No.28/2011.  
In accordance with EC Regulation on Genetically Modified Food and Feed No 1929/2003 and 1830/2003.

**BSE/TSE statement:** Product doesn't contain ingredients with animal origin and doesn't scope under Regulative ( EU ) 999/2001

**Traceability:** Established in all phases of production, storage and transportation of ingredient and final product.

**Product safety status:** Product is safe for labelled intended use. Safety Data Sheet available on request.

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