

Product Description

EKOFISH MEAL

Vegetable replacement for fish meal

Product description: EKOFISH MEAL is a long waited product on the market, that completely substitutes fish meal, avoiding all its negative effects (such as various diseases due to animal proteins, very strong smell passing on eggs, milk and meat, proteins that easily decays, and decomposition of proteins into the harmful products under the influence of microorganisms). After studious work, a protein rich and high quality vegetable replacement for fish meal EKOFISH MEAL was made, that substitutes nutritive characteristics and avoids all negative effects of the fish meal.

Ingredients: vegetable proteins

Chemical characteristics:

Composition	Limit values	Typical values
Protein (N x 6,25)	min 60,00	60,00
Moisture	max 8,00	4,50
Fat	min 5,00	5,50
Ash	max 7,00	4,80
Fibre	max 4,00	3,00
Urease activity ΔpH	mg/N/g/min	<0,30
Energy value MJ/kg	for pigs	15,50
	for poultry	13,00

Amino acid composition:

Essential amino acids	Unit	Determined value
Lysine	%	4,70
Aspartate	%	7,80
Threonin	%	2,39
Serine	%	2,19
Tryptophan	%	0,65
Arginine	%	3,95
Proline	%	2,14
Glycine	%	2,15
Alanine	%	1,93
Valine	%	2,50
Cystine	%	0,76
Methionine	%	1,77
Isoleucine	%	3,78
Leucine	%	5,69
Glutamine	%	9,10
Tyrosine	%	2,65
Histidine	%	1,89
Phenilalanine	%	3,20

Toxic elements:

Toxic elements	Unit	Value allowed
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	Yellow- brownish
Smell	Characteristic
Taste	Characteristic

Mineral composition:

Minerals	Unit	Determined value
Phosphorus	%	0,55
Calcium	%	0,23
Sodium	mg/kg	3.000,00
Potassium	mg/kg	11.900,00
Magnesium	mg/kg	1.700,00
Iron	mg/kg	127,51
Zinc	mg/kg	40,93
Manganese	mg/kg	26,14
Copper	mg/kg	16,10
Selenium	mg/kg	0,53
Cobalt	mg/kg	0,12
Iodine	mg/kg	0,25

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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Usage:	The product is used as one component or as a protein feed in mixtures for finished feed. It is a major source of protein and protective micronutrients, minerals, vitamins, essential amino acids in the diet for all categories of domestic animals.
Storage conditions:	Keep in dry, cool place, safe from external influences
Shelf life:	9 months in original packing
Packaging:	3, 5, 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 1829/2003 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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