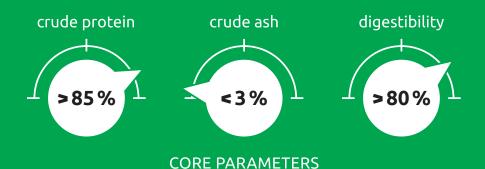


GOLDMEHL® FM HYDROLYSED

Special Processed Protein by using Low Temperature Drying Technology









GOLDMEHL® FM HYDROLYSED





Current revision number and date: 018, May 2019 Last revision number and date: 017, February 2019

DEFINITION

GOLDMEHL® FM is an environmentally friendly and sustainable special raw material. GOLDMEHL® FM is produced under gentle process conditions (Low Temperature Drying Technology), originated from feathers. GOLDMEHL® FM is fully aqua bio-secure; because of its origin (non-aquatic sources), extremely low content of unwanted substances (such as heavy metals, dioxin), and absence of antibiotic growth promoters. GOLDMEHL® FM derives from fully healthy animal by-products, which are considered by veterinarians to be Cat. III material. EU 1069/2009.

SPECIFICATION

Nutrients		
Moisture	< 8 %	VDLUFA III 3.1
Crude Protein	> 85 %	VDLUFA III 4.1.1
Crude Fat	> 4 %	VDLUFA III 5.1.1
Crude Ash	< 3 %	VDLUFA III 8.1
Digestibility, Ileal Digestable Protein	> 80 %	Boison 96/07

Volume elements		
Calcium (Ca)	0.4 %	VDLUFA III 10.3.2
Phosphorus (P)	0.2 %	VDLUFA III 10.6.5
Ca:P ratio	1.7	
Magnesium (Mg)	0.1 %	DIN CEN/TS 15621
Potassium (K)	0.1 %	VDLUFA III 10.2.1
Sodium (Na)	0.1 %	VDLUFA III 10.1.1

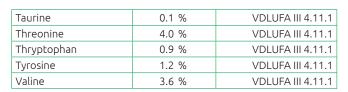
Trace elements		
Copper (Cu)	10.5 mg/kg	DIN15763 SOPM1474
Zinc (Zn)	139.5 mg/kg	DIN15763 SOPM1474
Iron (Fe)	185.0 mg/kg	DIN CEN/TS 15621
Manganese (Mn)	13.8 mg/kg	DIN CEN/TS 15621

Amino acids		
Alanine	3.6 %	VDLUFA III 4.11.1
Arginine	6.7 %	VDLUFA III 4.11.1
Aspartic acid	6.3 %	VDLUFA III 4.11.1
Cystine	4.7 %	VDLUFA III 4.11.1
Glutamine acid	10.2 %	VDLUFA III 4.11.1
Glycine	8.2 %	VDLUFA III 4.11.1
Histidine	0.7 %	VDLUFA III 4.11.1
Isoleucine	4.4 %	VDLUFA III 4.11.1
Leucine	7.6 %	VDLUFA III 4.11.1
Lysine	1.7 %	VDLUFA III 4.11.1
Methionine	0.4 %	VDLUFA III 4.11.1
Phenylalanine	4.5 %	VDLUFA III 4.11.1
Proline	9.2 %	VDLUFA III 4.11.1
Serine	11.6 %	VDLUFA III 4.11.1

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Veterinary-Control-No. & EU Vet. Category III No.: DE-03 251 0001 08



The data in the specification, which are not specified specifically (">" or "<") represent mean values. These data should be considered as typical values, with out any commitment.

Microbiology			
Salmonella	negative in 25 g	LFGB L00.00-98	
Enterobacteria	< 10/g	LFGB L05.00-5	
Antioxidants	Natural or synthetic antioxidants, on request. No addition of Ethoxyquin (E 324).		
PME	340 kcal ME/100g	AAFCO 2008	
Colour	light-brown		
Flavour	fresh		
Contamination	technically free from pesticides, lumps, insects and other foreign bodies		

LEGISLATION / HEALTH CERTIFICATE

GOLDMEHL® FM is considered a processed animal protein in accordance to EU regulation 1069/2009. GOLDMEHL® FM has been manufactured out of low risk poultry material only, which has passed the slaughtering process. It is classified to be "category 3 material" (Regulation (EC) No. 1069/2009; 999/2001; 142/2011 and amendments).

HALAL certified (by HQC):

This product is in compliance with the Halal requirements stipulated by Halal Quality Central (HQC)".

Usage

GOLDMEHL® FM is widely used within the pet food industry to standardize the quality of this raw material. GOLDMEHL® FM is used as a raw material in diets for dogs, cats, minks, aqua culture and as a fertilizer

APPLICATION

GOLDMEHL® FM is a uniformly blended animal protein containing 85% of protein and high levels of essential amino acids. It is designed to approximate the nutrient profile of fish meal. GOLDMEHL® FM can be considered as a (at least partly) replacement of fish meal. The replacement of fish meal can be done on a weight basis (w/w) or on a nutrient replacement basis. For more detailed information, please contact GEPRO Geflügel-Protein Vertriebsgesellschaft mbH & Co. KG.

STANDARD PACKAGING

Bulk, bags and big bags on pallets

STABILITY / STORAGE

GOLDMEHL® FM has a shelf life of 6 months in well closed containers in a cool (12 to 18° C) and dry place.

Storage above room temperature may change the shelf life. It is not recommended to expose to direct sun light.

Our advice represents our best knowledge, but no liability may be derived therefrom. We request you to test the effectiveness and compatibility of our products at your own responsibility and also to ascertain that no patents or other industrial property rights held by third parties are infringed. We would like to inform you that this product information shall not be updated automatically.







