AQUAFEED PETFOOD

SWINE

GOLDMEHL® FM
HYDROLYSED

Special processed protein by using
low temperature drying technology.

crude protein	crude ash	digestibility
> 85.0 %	< 3.0 %	> 80.0 %

CORE PARAMETERS

GOLDMEHL®

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We go beyond.

GOLDMEHL® FM
HYDROLYSED

Art.-No. **3020**

Current revision number and date: 024, October 2026
Last revision number and date: 023, January 2026

DEFINITION

GOLDMEHL® FM hydrolysed is an environmentally friendly and sustainable special raw material. GOLDMEHL® FM hydrolysed is produced under gentle process conditions (Low Temperature Drying Technology), originated from feathers. GOLDMEHL® FM hydrolysed 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 hydrolysed derives from fully healthy animal by-products, which are considered by veterinarians to be Cat. III material, EU 1069/2009.

SPECIFICATION

Nutrients		
Moisture	< 8.0 %	VDLUFA III 3.1
Crude Protein	> 85.0 %	VDLUFA III 4.1.1
Crude Fat	> 4.0 %	VDLUFA III 5.1.1
Crude Ash	< 3.0 %	VDLUFA III 8.1
In-vitro crude protein digestibility	> 80.0 %	Boisen 96/07

Volume elements		
Calcium (Ca)	0.3 %	VDLUFA III 10.3.2
Phosphorus (P)	0.2 %	VDLUFA III 10.6.5
Ca:P ratio	1.5	
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)	6.2 mg/kg	DIN15763 SOPM1474
Zinc (Zn)	131.0 mg/kg	DIN15763 SOPM1474
Iron (Fe)	111.0 mg/kg	DIN CEN/TS 15621
Manganese (Mn)	14.6 mg/kg	DIN CEN/TS 15621

Amino acids		
Alanine	4.0 %	VDLUFA III 4.11.1
Arginine	6.2 %	VDLUFA III 4.11.1
Aspartic acid	6.0 %	VDLUFA III 4.11.1
Cystine	5.4 %	VDLUFA III 4.11.1
Glutamine acid	9.6 %	VDLUFA III 4.11.1
Glycine	6.8 %	VDLUFA III 4.11.1
Histidine	0.8 %	VDLUFA III 4.11.1
Isoleucine	4.5 %	VDLUFA III 4.11.1
Leucine	7.6 %	VDLUFA III 4.11.1
Lysine	2.0 %	VDLUFA III 4.11.1
Methionine	0.6 %	VDLUFA III 4.11.1
Phenylalanine	4.4 %	VDLUFA III 4.11.1
Proline	9.9 %	VDLUFA III 4.11.1
Serine	10.4 %	VDLUFA III 4.11.1
Taurine	0.1 %	VDLUFA III 4.11.1
Threonine	4.4 %	VDLUFA III 4.11.1
Thryptophan	0.9 %	VDLUFA III 4.11.1
Tyrosine	2.5 %	VDLUFA III 4.11.1
Valine	6.8 %	VDLUFA III 4.11.1

The data in the specification, which are not specified specifically (">" or "<") represent mean values of the organic substance. These data should be considered as typical values, without any commitment.

Microbiology		
Salmonella	negative in 25 g	LFGB L00.00-98
Enterobacteria	< 10 CFU/g	LFGB L05.00-5

Additives	natural or synthetic antioxidants on request

Predictable metabolized energy (PME) in pets	340 kcal /100g	AAFCO 2008

Metabolized energy ME OS (MJ/kg) in Swine	21,50 MJ/kg ME (OS)	

Colour	light-brown

Flavour	fresh

Contamination	technically free from pesticides, lumps, insects and other foreign bodies

CO_2 Emissions	0.74 (kg CO_2/kg)

LEGISLATION / HEALTH CERTIFICATE

GOLDMEHL® FM hydrolysed 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).
It is declared as processed animal protein.

HALAL CERTIFIED (BY HQC)

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

USAGE

GOLDMEHL® FM hydrolysed is used as a raw material in diets for dogs, cats, swine, minks, fish, crustaceans and as a fertilizer.

STABILITY / STORAGE

GOLDMEHL® FM hydrolysed has a shelf life of 6 months in a cool and dry place. This may vary in case of other conditions.

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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.

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