AQUAFEED

AQUA VITAL
HYDROLYSED

Spray dried animal protein and a bioactive peptide.
Carefully produced from fresh poultry liver.

crude protein	crude ash	digestibility
> 65.0 %	< 7.0 %	> 92.0 %

CORE PARAMETERS

AQUA Vital
Bioactive Peptides · Hydrolysed

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We go beyond.

AQUA VITAL
HYDROLYSED

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Bioactive Peptides · Hydrolysed

Art.-No.
5512

Current revision number and date: 003, October 2026
Last revision number and date: 002, January 2026

DEFINITION

Homogeneous, fresh poultry liver from poultry slaughterhouses. Manufactured under careful pressure, steam treatment, enzymatic hydrolysis and spray drying.

SPECIFICATION

Nutrients		
Moisture	< 6.0 %	VDLUFA III 3.1
Crude Protein	> 65.0 %	VDLUFA III 4.1.1
Crude Fat	> 13.0 %	VDLUFA III 5.1.1
Crude Ash	< 7.0 %	VDLUFA III 8.1
Digestibility, Pepsin-conc. 0.02%	> 92.0 %	VDLUFA III 4.2.1

Volume elements		
Calcium (Ca)	0.1 %	VDLUFA III 10.3.2
Phosphorus (P)	1.1 %	VDLUFA III 10.6.5
Ca:P ratio	0.1	
Magnesium (Mg)	0.1 %	DIN CEN/TS 15621
Potassium (K)	1.0 %	VDLUFA III 10.2.1
Sodium (Na)	0.4 %	VDLUFA III 10.1.1

Trace elements		
Copper (Cu)	13.4 mg/kg	DIN15763 SOPM1474
Zinc (Zn)	117.0 mg/kg	DIN15763 SOPM1474
Iron (Fe)	540.0 mg/kg	DIN CEN/TS 15621
Manganese (Mn)	10.3 mg/kg	DIN CEN/TS 15621
Selen (Se)	1.8 mg/kg	DIN CEN/TS 15621

Amino acids		
Alanine	4.1 %	VDLUFA III 4.11.1
Arginine	4.3 %	VDLUFA III 4.11.1
Aspartic acid	6.3 %	VDLUFA III 4.11.1
Cystine	0.9 %	VDLUFA III 4.11.1
Glutamine acid	9.0 %	VDLUFA III 4.11.1
Glycine	3.5 %	VDLUFA III 4.11.1
Histidine	2.1 %	VDLUFA III 4.11.1
Isoleucine	3.0 %	VDLUFA III 4.11.1
Leucine	6.0 %	VDLUFA III 4.11.1
Lysine	4.9 %	VDLUFA III 4.11.1
Methionine	1.5 %	VDLUFA III 4.11.1
Phenylalanine	3.2 %	VDLUFA III 4.11.1
Proline	3.0 %	VDLUFA III 4.11.1
Serine	3.0 %	VDLUFA III 4.11.1
Taurine	0.4 %	VDLUFA III 4.11.1
Threonine	3.1 %	VDLUFA III 4.11.1
Tyrosine	2.4 %	VDLUFA III 4.11.1
Valine	3.8 %	VDLUFA III 4.11.1

Vitamins		
Vitamin A	562,075.0 IU/kg	SOP M 1282
Vitamin D3	2877.0 IU/kg	SOP M 1282
Vitamin E	24.55 mg/kg	SOP M 1282

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

Colour	light brown
Flavour	fresh
Contamination	technically free from pesticides, lumps, insects and other foreign bodies
CO_2 Emissions	1.89 (kg CO_2/kg)

LEGISLATION / HEALTH CERTIFICATE

Aqua Vital 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.

USAGE

Aqua Vital is used as a raw material in aquaculture.

STABILITY / STORAGE

Aqua Vital has a shelf life of 6 months in well closed bags in a cool and dry place. This may vary in case of other conditions.

Molecular Weight (Dalton)		
> 15,000	< 0,1 %	SEC-MALLS
15,000-10,000	< 0,1 %	SEC-MALLS
10,000-8,000	0.4 %	SEC-MALLS
8,000-6,000	1.3 %	SEC-MALLS
6,000-4,000	3.6 %	SEC-MALLS
4,000-2,000	10.4 %	SEC-MALLS
2,000-1,000	13.0 %	SEC-MALLS
1,000-500	9.6 %	SEC-MALLS
500-200	11.8 %	SEC-MALLS
< 200	50.8 %	SEC-MALLS

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Veterinary-Control-No. & EU Vet. Category III No.: DE-03 251 0001 36

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100% POULTRY
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