AQUAFEED

PROCON
Roller Dried

PROCON is a state-of-the-art poultry protein concentrate specifically developed to optimally meet the nutritional needs of aquaculture.

crude protein	crude ash	digestibility
> 73.0 %	< 10.0 %	> 97.0 %

CORE PARAMETERS

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We go beyond.

PROCON
ROLLER DRIED

Art.-No. **5524**

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DEFINITION

PROCON is processed animal protein, which is processed into peptides, polypeptides and amino acids having molecular weights that are partly soluble. The specific production process is related to maximum bioavailability and digestibility of the product.

Nutrients		
Moisture	< 4.0 %	VDLUFA III 3.1
Crude Protein	> 73.0 %	VDLUFA III 4.1.1
Crude Fat	> 7.0 %	VDLUFA III 5.1.1
Crude Ash	< 10.0 %	VDLUFA III 8.1
Digestibility, Pepsin-conc. 0.02%	> 97.0 %	VDLUFA III 4.2.1

Volume elements		
Calcium (Ca)	0.1 %	VDLUFA III 10.3.2
Phosphorus (P)	0.8 %	VDLUFA III 10.6.5
Ca:P ratio	0.1	
Magnesium (Mg)	0.1 %	DIN CEN/TS 15621
Potassium (K)	2.2 %	VDLUFA III 10.2.1
Sodium (Na)	1.5 %	VDLUFA III 10.1.1

Trace elements		
Copper (Cu)	3.2 mg/kg	DIN15763 SOPM1474
Zinc (Zn)	26.2 mg/kg	DIN15763 SOPM1474
Iron (Fe)	53.4 mg/kg	DIN CEN/TS 15621
Manganese (Mn)	4.9 mg/kg	DIN CEN/TS 15621
Selenium (Se)	0.4 mg/kg	DIN CEN/TS 15621

Amino acids		
Alanine	5.4 %	VDLUFA III 4.11.1
Arginine	4.7 %	VDLUFA III 4.11.1
Aspartic acid	4.2 %	VDLUFA III 4.11.1
Cystine	0.4 %	VDLUFA III 4.11.1
Glutamine acid	9.9 %	VDLUFA III 4.11.1
Glycine	10.4 %	VDLUFA III 4.11.1
Histidine	1.0 %	VDLUFA III 4.11.1
Isoleucine	1.7 %	VDLUFA III 4.11.1
Leucine	3.3 %	VDLUFA III 4.11.1
Lysine	3.6 %	VDLUFA III 4.11.1
Methionine	0.9 %	VDLUFA III 4.11.1
Phenylalanine	1.9 %	VDLUFA III 4.11.1
Proline	5.8 %	VDLUFA III 4.11.1
Serine	2.4 %	VDLUFA III 4.11.1
Threonine	2.1 %	VDLUFA III 4.11.1
Tyrosine	0.8 %	VDLUFA III 4.11.1
Valine	2.2 %	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

Colour	yellow to light brown

Flavour	fresh

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

LEGISLATION / HEALTH CERTIFICATE

PROCON 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

PROCON is used as a raw material in diets for aquatic feeds.

STABILITY / STORAGE

PROCON 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.

PACKAGING

Available in small (20-25kg) and big bags (<1200kg).

Sieve analysis	
> 630 µm	2.5 %
< 425 µm	57.8 %

Molecular Weight (Dalton)		
> 10,000	13.8 %	SEC-MALLS
10,000-8,000	8.4 %	SEC-MALLS
8,000-6,000	8.5 %	SEC-MALLS
6,000-4,000	8.1 %	SEC-MALLS
4,000-2,000	9.2 %	SEC-MALLS
2,000-1,000	6.4 %	SEC-MALLS
1,000-500	4.8 %	SEC-MALLS
500-200	10.8 %	SEC-MALLS
< 200	30.1 %	SEC-MALLS

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