

# PALBIO 50 RD

## *When invisible becomes substantial*

Beyond gut health in aquaculture



**Palbio 50 RD** is a high quality protein that positively affects the **intestinal health of aquaculture species**. Its routine use supports the main productive parameters of fish farms and **reduces the costs** of exploitation resulting from poor animal gut health.

### TYPICAL ANALYSIS

Crude Protein	51,5%
Crude Fat	2,6%
Ashes	12,7%
Moisture	6,7%
Mean molecularweight	600 Daltons

### ENERGY

DE Carnivorous Fish and Shrimps	3.041
DE Omnivorous Fish	3.184

### DESCRIPTION

Description Hydrolyzed protein from Porcine Intestinal Mucosa, dried with a Fluid Bed System over a soya carrier.

### ASPEARANCE

Appearance Cream-coloured dried product obtained by fluid-bed with a delicious taste and aroma

### DOSAGE

The recommended dose is 25-50 Kg per ton of feed.

### PACKAGING

1000Kg palets made with 25 Kg bags or 900 kg big-bags.

### INFORMATION

The protein value obtained by the Kjeldahl and Leco method show no differences. Apparent Ileal Digestibility has been obtained with the Boisen and Fernández method (1995).

### CARBOHYDRATES

Neutral Detergent Fiber	4%
Acid Detergent Fiber	2,3%
Acid Detergent Lignin	0,1%
Sugars	7%

### FATTY ACIDS

C14:0	-
C16:0	0,49%
C18:0	0,11%
C18:1	0,41%
C18:2	1,28%
C18:3	0,15%
C≥20	0,03%

## MINERALS AND VITAMINS

Sulfur (80%) in form of sulfates	1,7%
Chlorine	0,15%
Potassium	2,02%
Magnesium	0,28%
Sodium	2,00%
Calcium	0,23%
Phosphorous	0,81%
Available phosphorous	0,69%
Iron	181 (ppm)
Manganese	30 (ppm)
Zinc	61 (ppm)



APPROVED  
FOR ALL  
SPECIES

## PROTEIN VALUES

Digestible Protein	50,21%
Protein Digestibility	97,50%

## OTHERS

### Contaminants:

Complies with current  
EU regulations.

## AMINOGRAM

AAs (aminoacids)	Composition (% Crude Protein)	Composition (%)	AID	Digestible AAs (%)
Ala	4,39	2,26	98,10	2,22
Arg (essential)	6,27	3,23	98,78	3,19
Asp	9,94	5,12	98,30	5,03
Cys	1,07	0,55	97,60	0,54
Glu	18,83	9,70	98,88	9,59
Gly	7,13	3,67	97,47	3,58
His (essential)	2,62	1,35	98,31	1,33
Ile (essential)	4,56	2,35	97,60	2,29
Leu (essential)	7,71	3,97	97,83	3,88
Lys (essential)	6,45	3,32	98,07	3,26
Met (essential)	1,38	0,71	99,70	0,71
Phe (essential)	4,76	2,45	97,81	2,40
Pro	5,30	2,73	97,82	2,67
Ser	5,20	2,68	98,00	2,63
Thr (essential)	4,35	2,24	98,00	2,20
Trp (essential)	1,17	0,60	97,70	0,59
Tyr	3,63	1,87	98,17	1,84
Val (essential)	5,15	2,65	97,85	2,59
Hyp	0,10	0,05	88,35	0,04

Registered office

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