

Wilpromil R

Introduction

Wilpromil R is specially designed and produced for the animal feed industry. It has an identical quality with ADM's Soycomil R produced in Euro. Wilpromil R is processed with the best available equipment through ADM technology. The unique production process for Wilpromil R makes the soy protein highly digestible by inactivating anti-nutritional factors and removing the soluble carbohydrates.

Characteristics

Wilpromil R is a high quality soy protein concentrate which is not only consistent but also complies with EC food regulations. It contains rich amounts of highly digestible amino acids, bland in taste, and very palatable - making it ideal for animal feeds, especially for growing animals.

Typical Analyses (as-fed)

Main Nutrient	%		
Crude Protein	65	DE (swine)	4,100 kcal/kg
Moisture	7	ME (swine)	3,500 kcal/kg
Crude Fat	1	ME (poultry)	2,900 kcal/kg
Crude Fiber	4.5	Nitrogen Free Extract:	
Ash	6	Soluble	1.5
		Insoluble	15

Applications

Piglets

A key to succeed weaning is whether piglets could be switched to diets smoothly. Weaning pigs usually need to be fed with palatable, high digestible and quality consist protein ingredients since they are easily stressed during weaning period for their digestive systems without developing well. Wilpromil R is an ideal protein because of its high digestibility, good palatability, extremely low anti-nutritional factors and insoluble carbohydrates as well as negative salmonella.

Aquaculture

Soy protein concentrate Wilpromil R is proven for the best vegetable protein source in fish and shrimp feeds. Unlike fishmeal, Wilpromil R has very low levels of ash and phosphorus; also it has good capability for pelleting. Through using optimum amount of Wilpromil R in aquafeeds, it could significantly improve survival and growth rates of the species cultured.

Calves

The digestive system of calves is more susceptible to milk proteins that are expensive. Thus, feed manufacturers are always looking for high quality milk substitutes. Wilpromil R is a preferred choice because of their features: high digestibility, low metal content, and very low anti-nutritional factors.

Pets

Soy protein concentrate Wilpromil R has always been an important protein ingredient in pet food because it is economical, has good synthesizing properties, and complete nutritional value. Especially it could ensure to stabilize quality of pet food.

Usage Recommendation

Generally add 50 ~ 200 kg per metric ton of feeds.

Packaging and Storage

Packaging in a 25 kg-paper valve bag. Suggest to storage below 25°C and below 60% relative humidity to extend its longer shelf life (normally 2+ years after production date when stored in a cool dry place).

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Amino Acids and Minerals

Amino Acid	%	g/100g Protein	Mineral	mg/100g
Lys	4.23	6.51	Ca	350
Met	0.91	1.40	P	800
Met+Cys	1.89	2.91	AP	240
Thr	2.73	4.20	K	2,200
Trp	0.78	1.20	Na	11
Ile	3.19	4.91	Mg	335
Leu	5.20	8.00	Cl	100
Arg	4.94	7.60	Fe	15
Phe	3.45	5.31	Zn	3.5
Val	3.38	5.20	Cu	0.0012
His	1.82	2.80	Heavy Metal	<0.2
Anti-nutritional Factor				
Antigen Activity:			Trypsin Inhibitor Activity	<3mg/kg
Antigen Activity Glycinin		<10 mg/kg	Agglutinin	<1ppm
β -Conglycinin		<5 mg/kg	Saponin	0

Digestibility Value (NRC 1998)

Amino Acid	Digestibility (%)
Lys	95
Thr	94
Trp	93
Met	94
Cys	94
Ile	95
Val	94
His	97
Arg	97
Leu	93
Phe	94

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