

Soycomil® P & K

(Soy Protein Concentrates)

Soycomil® P

Product Description

Soycomil P is a high-quality soy protein concentrate specially designed for the animal feed industry. The unique Soycomil production process makes the soy protein highly digestible by inactivating the anti-nutritional factors and removing the soluble carbohydrates.

Product Application

Soycomil P is an excellent protein source for pet food and can be used in dry extruded, semi-moist, or canned pet foods. The recommended inclusion rate is 5-15%.

Physical & Chemical Characteristics

Soycomil P is a coarse grit.

| | |
|--|---------------------|
| Particle size | min. 90% 0.3-0.8 mm |
| Mean particle size | 0.5 mm |
| Crude protein (as is), min. | 63% |
| Moisture, max. | 9% |
| Trypsin Inhibitor Activity, max. | 2.5 mg/g |
| Antigen Activity: | |
| Glycinin, max. | 5 mg/kg |
| β-conglycinin, max. | 5 mg/kg |
| Enterotoxins, max. | 100 CFU/g |
| Salmonella | absent/25 g |
| TPC, max. | 50,000 CFU/g |
| PDI (in water) | 5% |
| Trypsin Inhibitor Activity (typical) | 2 mg/g |

Typical Nutrient Value (as is)

| | |
|------------------------|------|
| Crude protein | 65% |
| Crude fat | 1% |
| Crude fiber | 3.5% |
| Crude ash | 6.5% |
| Moisture | 7% |
| Nitrogen free extract: | |
| Soluble | 2% |
| Insoluble | 15% |

Method of Analysis

| | |
|--------------------------------|----------------------------|
| Crude protein | NEN 3198 (72/199/EG, L179) |
| Moisture | NEN 3754 (71/393/EG, L279) |
| Trypsin Inhibitor Activity ... | NEN-EN-ISO 14902:2001 |
| Antigens | TNO Sandwich ELISA |
| Enterotoxins | VRBG-agar medium ISO 7402 |
| Salmonella | ELISA |

AAFCO Ingredient Definition

Soy protein concentrate.

Shelf Life/Storage & Handling

Shelf life: two years after production date when stored in a cool, dry place. Storage below 25°C and below 60% relative humidity promotes longer shelf life.

Ordering Information

| | |
|-------------------|---|
| Product number: | 420510 |
| Container size: | 25 kg bags (420510AJ) 1000 kg totes (420510TB) |
| Customer service: | 877-236-2460 or animalnutrition@adm.com |

See next page for Soycomil K.

Soycomil® K

Product Description

Soycomil K is a high-quality soy protein concentrate specially designed for the animal feed industry. The unique Soycomil production process makes the soy protein highly digestible by inactivating the anti-nutritional factors and removing the soluble carbohydrates.

Product Application

Soycomil K is an excellent protein source for pet food and can be used in dry extruded, semi-moist, or canned pet foods. The recommended inclusion rate is 5-15%.

Physical & Chemical Characteristics

Soycomil K is a finely ground powder and bland in taste.

| | |
|--|----------------|
| Particle size | 99% <63 Micron |
| Crude protein (as is), min. | 65% |
| Moisture, max. | 9% |
| Trypsin Inhibitor Activity, max. | 2.5 mg/g |
| Antigen Activity: | |
| Glycinin, max. | 3 mg/kg |
| β-conglycinin, max. | 2 mg/kg |
| Enteroto's, max. | 100 CFU/g |
| Salmonella | absent/25 g |
| TPC, max. | 50,000 CFU/g |
| Iron, max. | 125 mg/kg |
| PDI (in water) | 5% |
| Trypsin Inhibitor Activity (typical) | 2 mg/g |

Typical Nutrient Value (as is)

| | |
|------------------------|-----------|
| Crude protein | 67% |
| Crude fat | 1% |
| Crude fiber | 3.5% |
| Crude ash | 6.5% |
| Moisture | 6% |
| Nitrogen free extract: | |
| Soluble | 2% |
| Insoluble | 14% |
| Iron | 110 mg/kg |

Method of Analysis

| | |
|--------------------------------|----------------------------|
| Crude protein | NEN 3198 (72/199/EG, L179) |
| Moisture | NEN 3754 (71/393/EG, L279) |
| Trypsin Inhibitor Activity ... | NEN-EN-ISO 14902:2001 |
| Antigens | TNO Sandwich ELISA |
| Enteroto's | VRBG-agar medium ISO 7402 |
| Salmonella | ELISA |
| Iron | NEN 3349 (78/633/EG, L206) |
| Particle size | Alpine screen |

AAFCO Ingredient Definition

Soy protein concentrate.

Shelf Life/Storage & Handling

Shelf life: two years after production date when stored in a cool, dry place. Storage below 25°C and below 60% relative humidity promotes longer shelf life.

Ordering Information

| | |
|-------------------|---|
| Product number: | 420530 |
| Container size: | 25 kg bags (420530AJ) 1000 kg totes (420530TB) |
| Customer service: | 877-236-2460 or animalnutrition@adm.com |

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