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
- Glycinin, max.: 5 mg/kg
- β-conglycinin, max.: 5 mg/kg
- Entero’s, 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%

Method of Analysis

- Crude protein: NEN 3198 (72/199/EG, L179)
- Moisture: NEN 3754 (71/393/EG, L279)
- Antigens: TNO Sandwich ELISA
- Enterobacteria: 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 |
- Entero’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)

<table>
<thead>
<tr>
<th>Nutrient</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crude protein</td>
<td>67%</td>
</tr>
<tr>
<td>Crude fat</td>
<td>1%</td>
</tr>
<tr>
<td>Crude fiber</td>
<td>3.5%</td>
</tr>
<tr>
<td>Crude ash</td>
<td>6.5%</td>
</tr>
<tr>
<td>Moisture</td>
<td>6%</td>
</tr>
<tr>
<td>Nitrogen free extract: Soluble</td>
<td>2%</td>
</tr>
<tr>
<td>Insoluble</td>
<td>14%</td>
</tr>
<tr>
<td>Iron</td>
<td>110 mg/kg</td>
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</tbody>
</table>

Method of Analysis

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crude protein</td>
<td>NEN 3198 (72/199/EG, L179)</td>
</tr>
<tr>
<td>Moisture</td>
<td>NEN 3754 (71/393/EG, L279)</td>
</tr>
<tr>
<td>Trypsin Inhibitor Activity</td>
<td>NEN-EN-ISO 14902:2001</td>
</tr>
<tr>
<td>Antigens</td>
<td>TNO Sandwich ELISA</td>
</tr>
<tr>
<td>Entero’s</td>
<td>VRBG-agar medium ISO 7402</td>
</tr>
<tr>
<td>Salmonella</td>
<td>ELISA</td>
</tr>
<tr>
<td>Iron</td>
<td>NEN 3349 (78/633/EG, L206)</td>
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<tr>
<td>Particle size</td>
<td>NEN-EN-ISO 14902:2001</td>
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</tbody>
</table>

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

ADM Animal Nutrition™, a division of Archer Daniels Midland Company
1000 N 30th St, PO Box C1, Quincy, IL 62305-3115

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