

# POTATO PROTEIN

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Valid from: 01.02.2013

Country of origin	POLAND
Product description	Potato protein is obtained from the cell sap of potato as a result of processes of thermal-acid coagulation, dehydration and drying.
Product properties	This protein has a high digestibility and the content of pure protein. Moreover, high amino acid content makes it readily used as a feed ingredient.
Application	Potato protein feed is a very useful, high-value component of compound feed for all kinds of animals.
Physico-chemical requirements	<ul style="list-style-type: none"> <li>☑ Appearance : loose powder</li> <li>☑ Colour: grey</li> <li>☑ Odour: typical for dry potato protein, free from foreign odour</li> <li>☑ Moisture: not more than 10 %</li> <li>☑ Ash content: not more than 4,5 % in d.s.</li> <li>☑ Total protein content: not less than 80 % in d.s.               <ul style="list-style-type: none"> <li>☑ Macroscopic impurities, harmful for animal's health: unacceptable</li> </ul> </li> <li>☑ Granulation – sieve of 2,0 mm mesh side: 100 %</li> </ul>
Amino acids content*	<ul style="list-style-type: none"> <li style="width: 50%;">☑ Aspartic acid: 11,18 %</li> <li style="width: 50%;">☑ Phenylalanine: 5,53%</li> <li style="width: 50%;">☑ Methionine: 2,30 %</li> <li style="width: 50%;">☑ Cystine: 1,39 %</li> <li style="width: 50%;">☑ Threonine: 5,31 %</li> <li style="width: 50%;">☑ Histidine: 2,74 %</li> <li style="width: 50%;">☑ Isoleucine: 4,74 %</li> <li style="width: 50%;">☑ Glycine: 4,34 %</li> <li style="width: 50%;">☑ Serine: 5,31 %</li> <li style="width: 50%;">☑ Lysine: 7,19 %</li> <li style="width: 50%;">☑ Leucine: 9,18 %</li> <li style="width: 50%;">☑ Alanine: 4,44 %</li> <li style="width: 50%;">☑ Glutamic acid: 10,63 %</li> <li style="width: 50%;">☑ Arginine: 5,65 %</li> <li style="width: 50%;">☑ Tyrosine: 5,25 %</li> <li style="width: 50%;">☑ Valine: 5,82 %</li> <li style="width: 50%;">☑ Proline: 5,47 %</li> </ul>
Solanine	Produced potato protein has the lowest content of solanine.
GMO	The product is not genetically modified, and has not been produced from genetically modified raw materials.
Pesticides	Pesticides are marked in potato starch that is a raw material in production of potato protein, and in which there is no residue of the tested active substances of plant protection higher than acceptable.
Packing	Potato protein is packed in valve three-layer paper bags of a 25 kg net. Other types of packing are possible after agreement with recipient.

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<b>Labelling</b>	Packings are marked by label or overprint including following data:  <input type="checkbox"/> name and address of the producer, <input type="checkbox"/> reference standard, <input type="checkbox"/> manufacturer's identification number, <input type="checkbox"/> protein content in %, <input type="checkbox"/> net weight in kg, <input type="checkbox"/> date of production, <input type="checkbox"/> batch No. (same as the date of production), <input type="checkbox"/> shelf life, <input type="checkbox"/> storage conditions.
<b>Storage conditions</b>	Recommended relative moisture of air: 60 – 75 %, temperature between 0 oC and 20 °C.
<b>Shelf life</b>	It should meet the requirements for a period of at least 12 months from date of manufacture, under appropriate conditions of packaging, storage and transport.
<b>Reference standard</b>	PN-92/R-64811 and the currently applicable regulations of EU law and national law.
<b>Veterinary approval number PL3019002</b>	

\* - the average value

The information contained in the Product Specifications represents the best of our knowledge and experience of using a product and are not exhaustive. We have provided general guidelines of properties, usage and application of the product. This specification does not relieve user from compliance with all applicable laws, administrative regulations and health and safety.