

## Product Bulletin Info

### AProThem™

<b>Description</b>	AProThem™ is spray dried porcine red cells.	
<b>Ingredients</b>	Pork red cells / pork protein.	
<b>Application area</b>	AProThem™ is water soluble. Once hydrated it shows the same properties as thick blood. It is suitable for blood sausages, black pudding, blood tofu, blood pancakes and other blood-based meat specialties such as boudin noir, morcilla or sangrecita.	
<b>Raw material origin</b>	EU - pork	
<b>Manufactured in</b>	Spain	
<b>Appearance</b>	Appearance	Micro-granulated powder
	Particle size	≤ 1 mm
	Color	Dark reddish / brown
	Flavor	Characteristic
	Odor	Meaty
<b>Guaranteed analysis</b>	Protein (*)	≥ 92.00 %
	Moisture	≤ 9.00 %
	Ash	≤ 5.00 %
	a <sub>w</sub>	< 0.35
	(*) AOAC Official Method 990.03 Combustion Method (Leco)	
<b>Microbiology</b>	TPC	≤ 1,000,000 cfu/g
	Enterobacteriaceae	≤ 300 cfu/g
	Sulfite-reducing Clostridia	≤ 100 cfu/g
	Salmonella	Negative in 25 g
<b>Packaging</b>	Description	Double layer paper bag with a HPDE layer in between.
	Regulation	The packaging is suitable for direct contact with food according to EU regulations: Regulation (EC) No 1935/2004, Regulation (EC) No 2023/2006, Regulation (EU) No 10/2011.
	SKU (product code)	49510
	Unit weight	20 kg
	Storage conditions	Store the product in a cool, dry environment (temperature lower than 25 °C and less than 65 % relative humidity). Rotation of stock is recommended.

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Shelf life	24 months
Pallet weight	900 kg (45 bags)

Statements	Legislation	The product has been manufactured according to the applicable EU Regulations in force.
	Consumption	The product is fit for human consumption according to Regulation (EC) No 852/2004 and Regulation (EC) No 853/2004.
	GMO	The product is free from Genetically Modified Organisms (GMO) according to Directive 2001/18/EC, then it is not under Regulation (EC) No 1829/2003 and Regulation (EC) No 1830/2003 concerning the Genetically Modified Organisms.
	Radiation	The product has not been treated with ionizing radiations.
	Gluten	The product does not contain cereals containing gluten, namely: wheat (such as spelt and Khorasan wheat), rye, barley, oats or their hybridized strains, and products thereof. No product containing gluten is handled or storage in the facility.
	Contaminants	The product complies with the European Regulations in force that establish the maximum limits of residues of undesirable substances such as, Regulation (EC) No 1881/2006 for certain contaminants in foodstuffs, Regulation (EC) No 396/2005 on maximum residue levels of pesticides; as well as Regulation (EU) No 37/2010 on pharmacologically active substances in foodstuff of animal origin.

Nutrition declaration (per 100 g of product)	Energy	1,586 / 379	(kJ/kcal)
	Fat of which	ND	
	Saturates	ND	(g)
	Mono-unsaturates	ND	(g)
	Polyunsaturates	ND	(g)
		ND = no detectable	
	Carbohydrates of which	ND	(g)
	Sugars	ND	(g)
	Fiber	0.00	(g)
	Protein	94.80	(g)
	Salt	0.80	(g)

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<b>Minerals</b> (per 100 g of product)	Calcium	8	(mg)
	Phosphorus	342	(mg)
	Sodium	331	(mg)
	Potassium	1,120	(mg)
	Magnesium	26	(mg)
	Chloride	526	(mg)
	Iron	270	(mg)
<b>Heavy metals</b>	Arsenic (As)	< 2.00	(ppm)
	Cadmium (Cd)	< 0.05	(ppm)
	Lead (Pb)	< 0.10	(ppm)
	Mercury (Hg)	< 0.10	(ppm)

<b>Allergens</b>	<b>No</b>	<b>Yes</b>
Cereals containing gluten, namely: wheat (such as spelt and Khorasan wheat), rye, barley, oats or their hybridized strains, and products thereof	X	
Crustaceans and products thereof	X	
Egg and products thereof	X	
Fish and products thereof	X	
Peanuts and products thereof	X	
Soy and products thereof	X	
Milk and products thereof (incl. lactose)	X	
Nuts and products thereof	X	
Celery and products thereof	X	
Mustard and products thereof	X	
Sesame seeds and products thereof	X	
Sulfur dioxide and sulfites at > 10 mg/kg or > 10 mg/l, declared as SO <sub>2</sub>	X	
Lupine and products thereof	X	
Mollusk and products thereof	X	
<b>Alba list</b>	<b>No</b>	<b>Yes</b>
Milk protein	X	
Lactose	X	
Egg	X	
Soy protein	X	
Soy oil	X	
Gluten	X	
Wheat	X	
Rye	X	
Beef	X	
Pork		X
Chicken	X	

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Alba list (cont.)	No	Yes
Fish	X	
Crustaceans	X	
Maize	X	
Cacao	X	
Yeast	X	
Vegetables / legumes	X	
Nuts	X	
Nut oil	X	
Peanut	X	
Peanut oil	X	
Sesame	X	
Sesame oil	X	
Glutamate	X	
Sulfite (E220 - E227)	X	
Benzoic acid and PHB (E210 - E219)	X	
AZO colorants	X	
Tartrazine (E102)	X	
Cinnamon	X	
Vanilla	X	
<i>Umbelliferae</i> (umbelliferous plants)	X	
Celery	X	
Rape	X	
Lupine	X	
Mustard/mustard seed	X	
Coriander	X	
Others	X	

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Suitable for	No	Yes
Kosher-certified	X	
Vegan	X	
Halal- certified	X	
Organic	X	

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