

PROLECHON®

Spray Dried Blood Plasma

PRODUCT DESCRIPTION:

Species of Origin of goods:	Bovine
Type of goods:	Spray Dried Bovine Blood Plasma
Recommended Use:	Aquaculture Feed, Piglet Feed, Petfood
Method of Application:	Add directly to the Feed
Dosage:	1% - 10%
Storage:	Store in cool and dry place
Expiration date:	2 year from production date
Package:	Sacks containing 20 kg, double-ply paper outer bag and polyethylene inner bag.

Ingredient for Animal Feeding

MANUFACTURER & EXPORTER:

Lican Alimentos Mexico S.A.	Bvd de los Seris No. 76, Colonia Parque Industrial Hermosillo, Sonora, Mexico.
Lican Alimentos S.A.	Santa Adela 9589, Santiago, Chile.
Lican Paraguay S.A.	Teniente Espinola 535, Asunción, Paraguay

COMPOSITION - ANALYSIS:

Chemical Analysis			Microbiologic Analysis	
Total Protein	75 %	Minimum	Total aerobic plate cont	< 100.000 germs /g
Humidity	8 %	Maximum	Salmonella	Absent / 25 g
Fat	1 %	Maximum	E. coli	Absent / g
Ash	10 %	Maximum	Enterobacterias	< 10 germs / g

AMINO ÁCIDO PROFILE:

Amino Acid	Total
Alanine	4,0 %
Arginine	4,5 %
Aspartic Acid	7,6 %
Cystine	2,7 %
Glutamic Acid	11,3 %
Glycine	2,9 %
Histidine	2,7 %
Isoleucine	2,8 %
Leucine	7,5 %

Amino Acid	Total
Lysine	6,5 %
Methionine	0,7 %
Phenylalanine	4,4 %
Proline	4,3 %
Serine	4,5 %
Trheonine	4,6 %
Tryptophane	1,3 %
Tyrosine	3,5 %
Valine	5,1 %



Our factory in Chile: Lican Alimentos S.A. is an ISO 9001:2008 certified company and all the process is according to HACCP system certified by SGS.

VERSION 09/EN

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CHARACTERISTICS OF PROLECHON: (Spray Dried Blood Plasma)

PROLECHON is a plasma albumin and globulin protein supplement, is a natural source of highly digestible and palatable proteins and immunoglobulins. PROLECHON is a complex mixture of biologically functional proteins presents in the animal blood plasma: Alpha globulin, Beta globulin, Gamma globulin (IgG), Albumin and other.

PROLECHON is made from the blood plasma of healthy animals submitted to an official veterinary inspection pre and post mortem, and sacrificed in approved establishments under official control by competent authorities of Ministry of Agriculture.

PROLECHON is a very stable and very safe functional protein source manufactured under rigorous quality assurance procedures (GMP and HACCP), therefore our product Spray Dried Blood Plasma is recognized as safe, natural and wholesome feed ingredient.

PROLECHON strongly increases feed consumption, enhances weight gain, and improves feed usage efficiency and the general health status in several animal species: young pigs, dogs, poultry, and aquaculture.

Research indicates that some functional proteins present in the plasma powder are resistant to digestion and therefore reach the intestine where they assist the immune local response.

Spray Dried Blood Plasma is an ideal alternative for replacing antibiotics in animal feed. Many research indicates that Spray Dried Blood Plasma prevents intestinal infections by E. coli and other pathogens. Blood plasma powder gives immune protection to young pig, therefore the nutrients are used for growing more than for immune system activation (during mild infections). The response to plasma powder is greater when pigs are housed in less sanitary conditions, and if the young pigs have weakened immune system.

PROLECHON is used in pig starter rations, inclusion levels depending on age at weaning, health status, and desired growth level, in order to:

- Increase Feed Intake in Piglets
- Increase Daily Weight Gain
- Improve Feed Conversion Rate
- Prevents intestinal infections by E. coli and other pathogens
- Give immune protection to young pigs

The following incorporation levels into the ration are shown as a general recommendation:

Weaning Age	Phase	PROLECHON	Hemoglobin
14 days	until 21 days	7,5% to 10%	until 2%
	from 22 to 30 days	3,5% to 5%	until 2,5%
21 days	until 28 days	6% to 7,5%	until 2,5%
	from 29 to 42 days	0% to 4%	1% to 2,5%
28 days	until 35 days	3,7% to 7,5%	until 2,5%
	from 36 to 49 days	0%	1% to 2,5%

Ask your advisor in animal nutrition to adapt dose levels to your own requirements.