

BIOMEGA

Salmigo®L

Product no: 1380



PEPTIDES

*Immune stimulant, Cardioprotective, Antiallergic, Improves lipid profile and Intestinal Health.
Natural, Sustainable, Soluble, Food grade*

Salmigo® is designed for high biological performance at low dosage in pet food. The composition of peptide combinations and amino acid, are selected for perfect absorption through the gastrointestinal tract. The unique combination of di-, tri-, tetra-, and pentapeptides are absorbed over the brush border cell membrane. The direct absorption of peptides trigger bioactive effects and aid the digestion for young, old, sensitive and weak animals. Furthermore, the composition of Salmigo® deliver sensitive animals potent

amino acids they normally lack from other nutrient sources.

Salmigo® is processed without the use of any additives, no high temperature drying and it is ph neutral. Storage stability - and thereby long shelf life - is naturally achieved without any use of conservatives. Salmigo® originates from salmon only. It is the highest purity of salmon peptides commercially available today. Salmigo® as ingredient can be declared as "contains fresh salmon".

Physico-chemical characteristics:

Dry matter	60-63 %
Protein (as is, N x 6,25)	50-53 %
Protein (dry matter, N x 6,25)	90 %
Lipid (Soxhlet), as is	1 ± 0,5 %
Ash	8 ± 1,0 %
Salt (as NaCl)	1,8 ± 0,5 %



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SALMIGO L
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Digestibility:

In vitro digestibility (pepsin assay)	99 %
Biological digestibility (roosters)	97 %
Biological digestibility (mink)	95 %

Molecular weight distribution:

Below 10.000 Dalton	90 %
Below 5000 Dalton	80 %
Below 1000 Dalton	60 %

Minerals

Ca, calcium	1,3 g/kg Dry Matter
K, potassium	20,0 g/kg Dry Matter
Mg, magnesium	1,7 g/kg Dry Matter
Na, sodium	22,0 g/kg Dry Matter
P, phosphorous	10,3 g/kg Dry Matter

Trace elements

Cu, copper	1,7 mg/kg Dry Matter
Fe, iron	16,8 mg/kg Dry Matter
I, iodine	1,5 mg/kg Dry Matter
Mn, manganese	1,1 mg/kg Dry Matter
Se, selenium	1,6 mg/kg Dry Matter
Zn, zinc	24,0 mg/kg Dry Matter



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Salmigo® L

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Description

Salmigo® L is a moderately viscous aqueous solution. It has the viscosity of molasses. Salmigo® L is a balanced mix

of peptide combinations. Application as ingredient in special Pet diets (Veterinary, Super Premium, Hypoallergenic). Norwegian Origin.

Typical amino acid distribution		
Amino Acids	Abbr.	Total (T) g/100 g protein
Alanine	Ala	8.6
Arginine	Arg	4.2
Aspartic acid	Asp	5.5
Cysteine/Cystine	Cys	0.6
Glutamic acid	Glu	8.6
Glycine	Gly	13.9
Histidine	His	2.2
Isoleucine	Ileu	2.7
Leucine	Leu	4.9
Lysine	Lys	5.3
Methionine	Met	2.0
Phenylalanine	Phe	2.7
Proline	Pro	5.8
Serine	Ser	3.9
Taurine	Tau	1.6
Threonine	Thr	3.1
Tryptophan	Trp	0.7
Tyrosine	Tyr	1.6
Valine	Val	3.3



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Packaging & Storage

1000 liter IBC containers (1200 kg). IBC´s with declaration of conformity. Other upon request. Avoid direct sunlight. Store dark, and at stable temperature. Shelf life 12 months in sealed IBC. After opening usage within 3 weeks.

Quality

Salmonella Absence/25 g

Non GMO

No use of ionizing Radiation

Approvals/Certification:

Produced in accordance with the following approvals/regulations:

Norwegian Food Authorities (Mattilsynet):

Food production, approval number H 57 (according to EU Regulation 854/2004)

Animal By Product, approval number 1000779 (EU Regulation 1774/2002).

Undesirable substances: According to EU Regulation 1881/2006.

Det Norske Veritas:

GMP+ B2 Quality Control of Feed Materials, Approval number: PDV109441

Documentation

Analyses presented are performed according to the ISO 17025 standard, and the laboratory is accredited by Norwegian Accreditation with accreditation number TEST 045.

Tariff Code: HS-no EU 3504 0000

Origin: Norwegian

Biomega company information

Vat. No: NO 982 951 879 MVA.

Export licence registration number 12195

The information contained in this publication is based on our own research and development work and is to the best of our knowledge true and accurate.



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