

Biomega® Peptides L60 (Liquid)

Product no: 1480

Biomega® Peptides is processed from high quality fresh salmon off-cuts by means of natural and non-GMO industrial enzymes. It contains partially digested protein (peptides and free amino acids). Consumption of this product allows amino acids to be absorbed by the body much faster than intact native proteins. This maximizes nutrient delivery to muscle tissues. Further, the protein quality is high due to the well-balanced content of amino acids.

In addition to the rapid uptake of Biomega® Peptides combined with the excellent amino acid composition, we know that peptides can exert bioactive functions in the body:

- Increased muscle recovery and generation of energy
- Anti-diabetic
- Lowering blood pressure – cardio protective
- Improved stomach health, protects against ulcer development
- Immune stimulant
- More healthy ageing
- Natural antioxidant

A more comprehensive outline of the various effects of Biomega® Peptides, including references to scientific literature, is available upon request.

*May contain traces of trout.

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

Salmigo® Protect L60 is processed without use of additives, no high temperature dewatering and it is pH neutral.

Biomega® Peptides L60 is a moderately viscous aqueous solution with a neutral taste and smell. Due to high dry matter content and low water activity, it has a high storage stability and long shelf life at ambient temperatures, without use of any preservatives.

Biomega® Peptides has neutral taste and smell, which makes it a valuable ingredient in a variety of products for human consumption.

Biomega® Peptides L60 (Liquid)

Product no: 1480

Digestibility	%
<i>In vitro</i> digestibility (pepsin assay)	99
Biological digestibility (roosters)	97
Biological digestibility (mink)	95

Molecular weight distribution	%
Below 10.000 Dalton	90
Below 5.000 Dalton	80
Below 1.000 Dalton	60

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

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

Amino acid distribution		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

Biomega® Peptides L60 (liquid)

Product no: 1480

Approvals & certifications:

Produced in accordance with the following approvals and regulations:

Norwegian Food Authorities (Mattilsynet):

Food production approval number: H 57
(EU Regulation 854/2004)

Animal By Product approval number: 1000779
(EU Regulation 1069/2009)

Undesirable substances:
According to EU Regulation 1881/2006.

DNV GL:

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

Quality:

Salmonella: Absence/25 g. Enterobacteriaceae < 10cfu/ml. Non GMO. No use of ionizing radiation.

Packaging & storage:

1000 litre 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.

Documentation:

Analyses presented are performed according to the ISO 17025 standard, and Norwegian Accreditation accredits the laboratory:

Accreditation number : **TEST 045**
Origin: **Norwegian**

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.

Manufactured by:

Biomega AS,
Skaganeset, 5382 Skogsvåg, Norway
Vat. no.: NO 982 951 879 MVA.
Export licence no. 12195
Contact: sales@biomega.no
Tel: +47 55 62 94 50