

## **Amizate<sup>®</sup> CLASSIC**

### **Product Specification**

#### **Product Description**

Amizate<sup>®</sup> CLASSIC are highly purified enzymatic fish protein hydrolyzate made from fresh marine protein (Atlantic salmon), and manufactured under controlled conditions to obtain unique functional and nutritional properties.

<b><u>Analysis</u></b>		<b><u>Specification</u></b>	<b><u>Typical Range</u></b>	<b><u>Test Method</u></b>
Moisture	[%]	4.0 max	3.5 ± 0.5	Vacuum Oven
Total Nitrogen (TN)	[%]	min 10.0	12 ± 2	Kjeldahl
Amino Nitrogen (AN)	[%]	min 5.0	7 ± 2	Formol titration
AN/TN	[%]	min 45	60 ± 15	Calculated
Fat	[%]	max 1.5	1.0 ± 0,5	Acid hydrolysis (AB 11)
Ash	[%]	min 11	14 ± 3	Crude ash (AB 18)
pH		min 7.5	8.0 ± 0.5	
Histamine	[mg/kg]	< 100	< 100	Nofima * #A55 (HPLC)
Lead (Pb)	[mg/kg]	< 0.2	<0.1	ICP-MS
Mercury (Hg)	[mg/kg]	< 0.5	<0.005	CV-AFS

<b><u>Microbiological profile</u></b>		<b><u>Specification</u></b>	<b><u>Typical Range</u></b>	<b><u>Test Method</u></b>
Aerobic Plate Count	[CFU/g]	< 10 000	1 000 – 2 500	NMKL** #86
Coliform	[CFU/g]	< 10	< 10	NMKL** #44
Yeast	[CFU/g]	< 100	< 100	NMKL** #91
Mold	[CFU/g]	< 100	< 100	NMKL** #91
Clostridium perfringens	[CFU/g]	not detected	not detected	NMKL** #95

#### **Storage and packing**

Amizate<sup>®</sup> CLASSIC is a hygroscopic material and must be protected from moisture in order to maintain its product qualities. For extended storage it is furthermore required that the material is stored in airtight packaging which also protects the product from sunlight in order to maintain its product's quality.

Shelf life with recommended packaging is minimum 24 months.

\* Nofima = The Norwegian Institute for Food, Fisheries and Aquaculture Research ([www.nofima.no](http://www.nofima.no))

\*\* NMKL = Nordic Committee on Food Analysis ([www.nmkl.org](http://www.nmkl.org))