

DATASHEET

RIEBER NATURAL SEAFOOD POWDER

CODE **NAME**
7369 Rieber White Fish Roe Powder

Date: 23.04.2003

Special analysis, additional to PRODUCT SPECIFICATION

Standard Analysis (g/100g powder)

Total solids	min.	95
Protein (Nx6,25)		72 ± 5
Fat		15 ± 3
Ash		7,0 ± 2
Salt (NaCl)		5,0 ± 2

Fatty acids (g/100g powder)

Saturated	3,1
Mono unsaturated	4,5
Poly unsaturated	4,7
Poly n-3	4,4
Poly n-6	0,3
Other	1,0

Vitamins (mg/100g powder)

Riboflavine	0,7
Niacine	2,5
Pantothenic acid	4,0
Cobalamin B ₁₂	0,2

Microbiological Guidelines

	Target	Max.
Total plate count	< 5 000	50 000
Enterobacteriaceae	< 10	100
Escherichia coli (44°C)	abs.10g	10
Mould & Yeast	< 100	1000
Salmonella	abs.25g	

Amino Acid Profile (g/100g protein)

Aspartic acid	asp	8,6
Glutamic acid	glu	13,4
Hydroxyproline	hyp	0,3
Serine	ser	6,1
Glycine	gly	3,7
Histidine	his	2,5
Taurine	tau	1,0
Arginine	arg	5,6
Threonine	thr	5,3
Alanine	ala	7,8
Proline	pro	5,9
Tyrosine	tyr	4,5
Valine	val	6,6
Methionine	met	3,0
Isoleucine	ile	6,1
Leucine	leu	10,4
Phenylalanine	phe	4,1
Lysine	lys	8,1
Tryptophan	trp	1,4

Minerals (mg/100g powder)

Potassium	K	530
Sodium	Na	1800
Magnesium	Mg	29
Calcium	Ca	34
Zink	Zn	47
Phosphorus	P	1100
Selenium	Se	0,3
Iron	Fe	3,6

Energy (calculated)

kcal/100g	420
kJ/100g	1760

Particle size

95 % < 105 µ

Bulk density (kg/litre)

0,5

Heavy metals (mg/kg powder)

Arsenic	As	< 3,0
Cadmium	Cd	< 0,06
Lead	Pb	< 0,6
Mercury	Hg	< 0,05

Cholesterol (g/100g powder)

0,95

Comments

Standard analysis, microbiological analysis and particle size are monitored on each product batch. The values of amino acids, fatty acids, minerals, heavy metals, vitamins and cholesterol are typical values. These are analysed regularly on a random sample and are performed by accredited external laboratories. The content of heavy metals is also monitored against data from the Norwegian Directorate of Fisheries and the Norwegian Food Control Authority. The analysis of arsenic is total arsenic which consist of inorganic and organic arsenic. Inorganic arsenic is toxic whereas organic arsenic in seafood is according to the Joint FAO/WHO Expert Committee on Food Additives not found toxic to the human body. For Rieber White Fish Roe Powder the content of organic arsenic is more than 90% of total arsenic content.