

	Fish meal
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IDENTIFICATION:

Product name:	Fish meal 68%
Ingredients:	Fish meal, Salmonat P (preservative), Anilox (antioxidant).
Raw material:	Sprattus sprattus (Europe, North sea)
Production process:	High temperature drying (90°C), pressure, steam dry.
Origin:	Baltic Sea
Applications:	Animal feed

PHYSICOCHEMICAL CARACTERISTICS

Parameter	Units	Objective	Minimum	Maximum
Moisture	%	6	5	7
Protein	%	68	68	72
Fat	%	9	8,5	9,5
Salt	%	1,9	-	0,2
Ashes	%	15	15	15
Calcium	%	-	-	5
Phosphorus	%	-	-	5
Peroxides	%	-	-	0,1
Acidity	mg KOH/g	-	-	20
Histamine	ppm	100	40	500
TVN	mg N/g	100	50	200

AMINO ACIDS (part of protein content)

AA Name	Valor(%)
Lysine	5,6
Methionine	2
Tryptophan	0,8
Threonine	3
Serine	2,7
Proline	2,6
Glycine	4
Alanine	4,4
Valine	3,5
Isoleucine	2,9
Leucine	5,1
Tyrosine	2,2
Arginine	4,2

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CONTAMINANTS:

Parameter	Value/Units
Dioxins	Max. 1,25 ng/Kg
Heavy metals: -Lead (Pb) -Cadmium (Cd) -Arsenic (As) -Mercury (Hg)	0,58 mg/Kg: max 10 mg/Kg 0,12 mg/Kg max 1,0 mg/Kg 0,95 mg/Kg max 2,0 mg/Kg 0,0089 mg/kg max 0,5 mg/Kg
Microbiology: -Salmonella -Botulin toxins -Enterobacteria	not detected not detected < 10 UFC/g

PACKAGING:

Type of packaging:	Polypropylene bags 25 kg, big bag 1.100 kg.
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