

## Fish & Shellfish

Diet ingredient	Anchovy	Herring, Atlantic, whole	Capelin, whole	Mackerel, Atlantic, whole	Shrimp, whole	Squid, whole
<b>Moisture (%)*, **</b>	68.7	65.0	81.3	65.9	78.9	78.6
<b>Gross Energy (kcal/kg)</b>	5070	6419	5430	6635	4705	5430
<b>Crude Protein (%)</b>	54.7	57.4	66.3	46.0	76.5	71.4
<b>Crude fat (%)</b>	25.1	39.1	30.3	45.4	3.4	9.9
<b>Ash (%)</b>	17.4	9.6	10.7	6.3	12.2	5.6
<b>Total Carbohydrate (%)</b>	2.8	0.0	0.0	2.3	7.9	13.1
<b>Crude Fiber (%)</b>	0.0	0.0	0.0	0.0	0.0	0.0
<b>Sugars (%)</b>	0.0	0.0	0.0	0.0	0.0	0.0
<b>Starch (%)</b>	0.0	0.0	0.0	0.0	0.0	0.0
<b>Ca (mg/kg)</b>	23200	17050	16950	9450	25750	1400
<b>P (mg/kg)</b>	20350	18150	18350	11600	14700	11650
<b>Fe (mg/kg)</b>	1079.0	98.0	88.0	81.5	187.5	20.5
<b>Cu (mg/kg)</b>	11.0	5.0	6.5	7.5	99.0	175.5
<b>Mn (mg/kg)</b>	20.0	5.0	3.5	7.5	32.5	1.0
<b>Zn (mg/kg)</b>	85.0	62.0	64.0	42.5	77.0	75.0
<b>Se (mg/kg)</b>	1.2	2.7	0.9	2.4	1.6	2.6
<b>Mg (mg/kg)</b>	1400	1700	1600	1200	2500	2200
<b>Na (mg/kg)</b>	33100	6000	10650	4300	10850	8700
<b>K (mg/kg)</b>	12500	14400	13700	9000	9850	9150
<b>Vit C (mg/kg)</b>	***					
<b>Thiamin (mg/kg)</b>						
<b>Riboflavin (mg/kg)</b>						
<b>Niacin (mg/kg)</b>						
<b>Pantothenic acid (mg/kg)</b>						
<b>Pyridoxine (mg/kg)</b>						
<b>Folate (mg/kg)</b>						
<b>Oxalate (mg/kg)</b>						
<b>Choline (mg/kg)</b>						
<b>Vit B12 (ug/kg)</b>						
<b>Retinol (ug/kg)</b>	6799.2	6385.2	29810.1	17732.4	85.8	0.5
<b>β carotene (mg/kg)</b>						
<b>Vit E (mg/kg)</b>	137.0	77.0	191.5	33.0	335.0	0.0
<b>Vit K (mg/kg)</b>						

\*All nutrients, except moisture, are presented on a Dry Matter basis for accurate comparison

\*\*Data gathered from USDA Nutrient Data Laboratory (<http://www.nal.usda.gov/fnic/foodcomp/search/>), Bernard & Allen, 2002. Feeding captive piscivorous animals: nutritional aspects of fish as food. NAG, and Mazuri analyses.

\*\*\*Blank entries reflect lack of data

Updated 12/08