

**Supplemental table 1.** Composition of the experimental diets

	<b>AO4 (Safe)</b>		<b>HF (D12492, Research Diets)</b>	
<b>Ingredients (g/100g)</b>	fish protein	4	Casein, 80 Mesh	25.84
	plant protein	8	L-Cystine	0.39
	vitamin and mineral mix	4.1	Corn Starch	0.00
	cereals (bran,remilling)	83.9	Maltodextrin 10	16.15
			Sucrose	8.89
			Cellulose, BW200	6.46
			Soybean Oil	3.23
			Lard	31.66
			Mineral Mix S10026	1.29
			DiCalcium Phosphate	1.68
			Calcium Carbonate	0.71
			Potassium Citrate.1H <sub>2</sub> O	2.13
			Vitamin Mix V10001	1.29
			Choline Bitartrate	0.26
			FD&C Red Dye	0.01
<b>Composition (kJ %)</b>				
Protein		20		20
Carbohydrates		73		20
Lipids		7		60