

**Table S1.** Ingredient composition of the reference diet and microalgae test diets for the digestibility experiment.

Ingredient (g/kg)	Diet		
	Reference	70% Ref + 30% <i>Nanno</i>	70% Ref + 30% <i>Is</i>
Fish meal <sup>a</sup>	300	210	210
Corn gluten meal <sup>b</sup>	170	119	119
Wheat meal	174	121.8	121.8
Soybean meal <sup>c</sup>	129	90.3	90.3
Wheat gluten	100	70	70
Vitamin/mineral premix <sup>d</sup>	5	3.5	3.5
Fish oil	112	78.4	78.4
Sipernat 50 <sup>TM</sup> <sup>e</sup>	10	7	7
<i>Nannochloropsis</i> sp. biomass <sup>f</sup>	0	300	0
<i>Isochrysis</i> sp. biomass <sup>3</sup>	0	0	300

<sup>a</sup>Comeau's Sea Foods Limited, Saulnierville, Nova Scotia, Canada

<sup>b</sup>Meunerie Gérard Soucy Inc., Ste-Croix, QC, Canada

<sup>c</sup>Jefo, St-Hyacinthe, QC, Canada

<sup>d</sup>Corey Feed Mills Ltd., Fredericton, NB, Canada

<sup>e</sup>Sipernat 50<sup>TM</sup> (Degussa AG, Frankfurt, Germany).

<sup>f</sup>Reed Mariculture, Inc., Pasadena, CA, USA