

**Additional File 3: Table S1. Vitamin and mineral composition in the raw material for all diets used in this study.**

<b>Vitamins and minerals</b>	<b>µg/mg premix</b>
<i>Vitamin A</i>	0
<i>Vitamin D3</i>	0
<i>Vitamin E</i>	58.33
<i>Vitamin B1</i>	3.33
<i>Vitamin B2</i>	6.67
<i>Vitamin B6</i>	3.33
<i>Vitamin B12 (ng/mg)</i>	0.01
<i>Vitamin K3</i>	3.33
<i>Vitamin PP (Niacine)</i>	16.67
<i>Vitamin B3 (Ca D Panthothenic)</i>	13.33
<i>Biotin</i>	0.1
<i>Vitamin C</i>	33.33
<i>Folic acid</i>	3.33
<i>Ethoxyquin</i>	0
<i>Zinc</i>	33.33
<i>Iodine</i>	0.4
<i>Copper</i>	0
<i>Manganese</i>	10
<i>Cobalt</i>	0.33
<i>Selenium mineral</i>	0