

Table S1. Chemical composition (g /100 g) of breast and thigh meat from laying hens with graded levels of *Aurantiochytrium* sp. supplementation.

Item	MA supplemental levels, %					<i>p</i> -value		
	0	0.5	1.0	1.5	2.0	MA	Linear	Quadratic
Breast muscle								
Moisture, %	73.80 ± 0.59	73.68 ± 0.48	73.71 ± 0.42	73.74 ± 0.61	73.37 ± 0.70	0.408	0.133	0.422
Crude protein, %	22.74 ± 0.81	23.09 ± 0.59	23.12 ± 0.44	23.25 ± 0.66	23.47 ± 0.74	0.110	0.009	0.833
Crude fat, %	2.01 ± 0.17^a	1.86 ± 0.23^{ab}	1.74 ± 0.29^{ab}	1.64 ± 0.27^b	1.71 ± 0.20^b	0.002	< 0.001	0.079
Ash, %	1.45 ± 0.56	1.36 ± 0.27	1.43 ± 0.31	1.38 ± 0.35	1.33 ± 0.48	0.976	0.992	0.667
Thigh muscle								
Moisture, %	75.00 ± 0.47	75.08 ± 0.48	75.06 ± 0.34	75.12 ± 0.48	75.15 ± 0.39	0.984	0.579	0.993
Crude protein, %	20.11 ± 0.66^b	20.49 ± 0.45^{ab}	20.65 ± 0.19^{ab}	20.92 ± 0.34^a	21.02 ± 0.39^a	0.010	< 0.001	0.524
Crude fat, %	3.76 ± 0.31^a	3.35 ± 0.17^b	3.19 ± 0.21^{bc}	2.91 ± 0.14^{cd}	2.80 ± 0.07^d	< 0.001	< 0.001	0.129
Ash, %	1.12 ± 0.19	1.08 ± 0.10	1.10 ± 0.33	1.06 ± 0.23	1.03 ± 0.22	0.986	0.606	0.918

Values are means ± standard deviations (n = 12). Bold-faced means in the same row with different letters differ significantly ($p < 0.05$).