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*Supplementary Materials*

**Table S1.** Effects of 25OHD<sub>3</sub> supplementation on growth performance of broilers before LPS challenge.<sup>1</sup>

<b>Item</b>	<b>CON</b>	<b>LPS</b>	<b>LPS + 25OHD<sub>3</sub></b>	<b>SEM</b>	<b><i>P</i>-value</b>
Initial body weight, g	48.69	48.55	48.19	0.81	0.90
Final body weight, g	690.36	698.75	673.80	19.07	0.65
Average daily gain, g	30.56	30.96	29.79	1.00	0.71
Average daily feed intake, g	43.19	43.32	41.30	2.12	0.76
Feed:gain	1.41	1.40	1.38	0.04	0.92

CON, control; LPS, lipopolysaccharide; LPS + 25OHD<sub>3</sub>, lipopolysaccharide + 25-hydroxycholecalciferol.<sup>1</sup>Data are present as means and SEM (*n* = 6).