

Table S1. The original data of apparent ileal digestibility of AA in broilers and laying hens fed different ingredient samples.

Item, %	Broiler			Laying hen		
	SBM	CSM	LCSM	SBM	CSM	LCSM
Indispensable AA						
Arg	88.04±0.91	86.49±0.89 ^{ab}	90.22±0.41 ^a	86.17±1.14	85.19±0.54	86.28±0.48
His	84.78±1.19 ^a	76.17±1.50 ^b	82.09±0.61 ^a	80.30±1.29 ^x	73.84±0.89 ^y	73.89±0.62 ^y
Ile	83.49±1.14 ^a	63.36±2.34 ^c	76.52±0.65 ^b	78.77±1.60 ^x	66.08±1.10 ^y	64.79±0.91 ^y
Leu	83.86±1.15 ^a	67.65±2.11 ^c	79.42±0.59 ^b	79.04±1.52 ^x	69.59±0.95 ^y	68.49±0.76 ^y
Lys	84.11±1.45 ^a	56.61±2.85 ^c	70.62±0.67 ^b	82.10±1.52 ^x	64.88±1.05 ^y	61.87±1.05 ^y
Met	82.94±1.69 ^a	62.59±2.54 ^b	78.13±0.77 ^a	77.22±2.21 ^x	69.34±1.20 ^y	67.32±0.99 ^y
Met+Cys	76.93±1.69 ^a	63.64±2.17 ^b	79.02±0.79 ^a	66.96±2.02	68.75±1.15	65.26±0.70
Phe	85.17±0.95 ^a	79.26±1.37 ^b	85.48±0.47 ^a	80.59±1.39 ^x	77.04±0.74 ^y	78.01±0.62 ^{xy}
Trp	81.89±1.44 ^a	67.91±1.93 ^b	79.05±0.70 ^a	77.20±1.54 ^x	71.73±0.97 ^y	68.64±0.75 ^y
Thr	76.64±1.86 ^a	56.10±3.05 ^b	72.37±0.77 ^a	69.42±1.65 ^x	58.86±1.50 ^y	55.78±0.95 ^y
Val	81.18±1.56 ^a	68.65±1.96 ^b	78.26±0.85 ^a	75.51±1.55 ^x	67.70±1.13 ^y	66.97±0.80 ^y
Dispensable AA						
Ala	81.72±1.47 ^a	65.41±2.20 ^c	76.12±0.60 ^b	76.86±1.33 ^x	64.72±1.14 ^y	68.17±0.72 ^y
Asp	82.81±0.91	72.47±1.69	80.83±0.48	78.69±1.33	69.79±0.92	74.76±0.57
Cys	71.13±1.70 ^b	64.25±2.15 ^c	79.87±0.83 ^a	57.07±2.00 ^y	65.42±1.14 ^x	66.52±0.74 ^x
Glu	87.50±0.76	83.26±1.08	87.99±0.42	84.41±1.06	80.03±0.71	84.17±0.45
Gly	78.80±1.46	65.23±2.10	76.00±0.64	73.51±1.52	63.89±1.06	68.19±0.51
Pro	83.84±1.05	68.69±2.11	80.74±0.68	77.81±1.17	64.68±1.31	71.30±0.51
Ser	80.49±1.47 ^a	66.52±2.42 ^b	78.60±0.66 ^a	75.53±1.46 ^x	66.23±1.27 ^y	69.51±0.63 ^x
IAA	83.36±1.28	72.23±1.79	81.46±0.58	78.83±1.49	73.32±0.87	72.46±0.70
DAA	83.63±1.04 ^a	74.81±1.61 ^b	82.84±0.50 ^a	79.17±1.27 ^x	72.42±0.91 ^y	76.61±0.51 ^{xy}
Total AA	83.50±1.16 ^a	73.53±1.70 ^b	82.16±0.54 ^a	79.00±1.38 ^x	72.87±0.89 ^y	74.56±0.60 ^y

SBM = Soybean meal; CSM = Cottonseed meal; LCSM = Low-gossypol cottonseed meal; AA = Amino acids; IAA = Indispensable AA; DAA = Dispensable AA.

^{a-c} and ^{x-z} represent the results of one-way ANOVA of those AA with significant interaction between diets and species. Means in a row with different superscripts within a species are significantly different ($P < 0.05$).

Data represent mean ± standard error of mean (SEM).

Means represent 6 replicates per species (broiler or hen) with 8 or 6 birds per replicate for broilers and hens, respectively.

Broilers were 21-day-old and layers were 35-wk-old.