

Table S2. The original data of standardized 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	89.49±0.88	87.33±0.86	91.19±0.39	88.54±1.20	86.56±0.61	87.88±0.55
His	86.43±1.15	77.69±1.47	83.87±0.57	83.65±1.39	76.92±1.00	77.50±0.81
Ile	85.43±1.10 ^a	66.23±2.25 ^c	79.73±0.58 ^b	82.13±1.69 ^x	71.07±1.27 ^y	70.35±1.14 ^y
Leu	85.59±1.10 ^a	69.95±2.02 ^b	81.99±0.53 ^a	82.17±1.60 ^x	73.73±1.15 ^y	73.12±1.02 ^y
Lys	85.82±1.42 ^a	59.18±2.76 ^c	73.53±0.63 ^b	84.87±1.60 ^x	69.05±1.22 ^y	66.58±1.26 ^y
Met	85.70±1.63 ^a	65.16±2.40 ^b	80.99±0.73 ^a	81.41±2.26 ^x	73.24±1.40 ^y	71.66±1.12 ^y
Met+Cys	80.62±1.63 ^a	66.86±2.09 ^b	82.58±0.76 ^a	73.28±2.28	74.26±1.44	71.35±1.08
Phe	86.69±0.95	80.65±1.33	87.06±0.47	83.25±1.47	79.47±0.85	80.77±0.78
Trp	86.58±0.95 ^a	72.45±1.86 ^b	84.31±0.93 ^a	81.90±1.68 ^x	76.27±1.05 ^y	73.90±1.04 ^y
Thr	80.69±1.83 ^a	61.18±2.98 ^b	77.94±0.71 ^a	76.69±1.74 ^x	67.97±1.55 ^y	65.78±1.16 ^y
Val	83.82±1.56 ^a	71.50±1.91 ^b	81.44±0.82 ^a	79.94±1.66 ^x	72.50±1.27 ^y	72.33±1.01 ^y
Dispensable AA						
Ala	84.18±1.44	68.18±2.13	79.31±0.57	80.87±1.65	69.26±1.33	73.40±0.96
Asp	84.66±0.90	74.70±1.65	83.32±0.45	81.85±1.42	73.58±1.06	79.00±0.77
Cys	71.71±1.65 ^b	68.03±2.15 ^c	84.01±0.81 ^a	65.50±2.50 ^y	72.36±1.52 ^x	74.13±1.35 ^x
Glu	88.96±0.74	84.53±1.05	89.43±0.40	86.72±1.14	82.05±0.80	86.45±0.58
Gly	81.48±1.42	68.03±2.05	79.11±0.61	78.17±1.68	68.78±1.27	73.62±0.79
Pro	86.04±1.05	71.79±2.05	83.88±0.69	81.80±1.33	70.29±1.58	76.98±0.96
Ser	83.43±1.44 ^a	69.91±2.38 ^b	82.40±0.63 ^a	80.90±1.60 ^x	72.41±1.45 ^z	76.44±0.93 ^y
IAA	85.54±1.25 ^a	74.42±1.74 ^b	83.94±0.54 ^a	82.50±1.59 ^x	77.01±1.00 ^y	76.63±0.88 ^y
DAA	85.69±1.02	76.95±1.57	85.23±0.48	82.68±1.38	76.06±1.07	80.69±0.74
Total AA	85.62±1.13 ^a	75.69±1.65 ^b	84.59±0.51 ^a	82.59±1.48 ^x	76.53±1.04 ^y	78.69±0.81 ^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.