

Table 4 Concentrations of essential, non-essential, aromatic, sulphur, etc (g/100 g crude protein) of maggot meal (MM), earthworm meal (EM), termite meal (TM) and chicken viscera meal (CM)

Parameters	MM	EM	TM	CM	Mean	SD	CV%
TAA	57.19	36.7	18.8	43.2	38.97	253.95	15.94
TEAA*	35.22	16.96	6.02	19.75	19.49	145.11	12.05
TEAA**	32.21	15.6	5.35	18.55	17.93	122.66	11.08
TNEAA	21.97	19.74	12.78	23.45	19.49	22.31	4.72
TArAA	9.17	4.47	8.5	5.25	6.85	5.44	2.33
TAAA	8.18	9.44	2.31	10.95	7.72	14.29	3.78
TBAA	13.3	6.88	2.04	6.9	7.28	21.33	4.62
TSAA	1.82	0.76	0.2	1.05	0.96	0.46	0.67
%TEAA*	61.58	46.21	32.02	45.72	46.38	145.94	12.08
%TEAA**	56.32	42.51	28.46	42.94	42.56	129.47	11.38
%TNEAA	38.42	53.79	67.98	54.28	53.62	145.94	12.08
%TArAA	16.03	12.18	45.21	12.15	21.39	255.45	15.98
%TAAA	14.30	25.72	12.29	25.35	19.41	50.64	7.12
%TBAA	23.26	18.75	10.85	15.97	17.21	26.96	5.19
%TSAA	3.18	2.07	1.06	2.43	2.19	0.78	0.88
P-PER 1	2.16	0.68	-0.79	1.20	0.81	1.51	1.23
P-PER 2	2.14	0.67	-0.27	1.13	0.92	1.00	1.00
Leu/Ile	2.08	2.69	2.11	3.36	2.56	0.36	0.60
Leu-Ile	3.3	1.96	0.52	2.95	2.18	1.55	1.25
ICh	1.07	0.24	0.11	0.61	0.51	1.26	1.13
pI	3.65	2.14	1.10	2.48	2.34	1.10	1.05
Lys/Trp	1.33	22.33	11.67	3.12	9.61	92.25	9.60
Met/Trp	0.57	6.33	3.33	1.24	2.87	6.72	2.59
Lys/Arg	0.70	0.94	1.04	0.87	0.89	0.02	0.15
Asp/Glu	1.11	0.61	0.62	0.67	0.75	0.06	0.24

Note: \*with His; \*\*without His