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Maintenance and growth requirements for nitrogen, lysine and methionine and their utilisation efficiencies in juvenile black tiger shrimp, *Penaeus monodon*, using a factorial approach – ERRATUM

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The publishers regret to announce that there were some errors in Table 1 of this paper, namely that some superscripts were incorrect. The correct version of the table is below. We apologise for any inconvenience caused.

Table 1. Formulation and analysed composition of the ten experimental semi-purified diets fed to *Penaeus monodon* juveniles for 6 weeks

	Diets									
	NP	LP	LPM	LPL	MP	MPM	MPL	HP	HPM	HPL
Ingredients (g/kg diet)										
Casein*	0	62	62	62	186	186	186	310	310	310
Amino acid mix†	0	45	45	45	135	135	135	225	225	225
Cholesterol*	20	20	20	20	20	20	20	20	20	20
Soybean lecithin‡	20	20	20	20	20	20	20	20	20	20
Fish oil§	60	60	60	60	60	60	60	60	60	60
Sodium alginate‡	50	50	50	50	50	50	50	50	50	50
Mineral mix	50	50	50	50	50	50	50	50	50	50
Vitamin mix¶	50	50	50	50	50	50	50	50	50	50
Agar*	15	15	15	15	15	15	15	15	15	15
Cellulose	20	20	20	20	20	20	20	20	20	20
Fish protein soluble concentrate§	20	20	20	20	20	20	20	20	20	20
Gelatinised maize starch**	680	573	573	573	359	358	359	144	144	144
Attractant mix††	15	15	15	15	15	15	15	15	15	15
Analysed chemical composition										
DM (% diet)	89.6	89.3	90.6	90.4	90.6	89.8	89.5	89.0	89.2	89.1
N (% DM)	0.82	2.31	2.71	2.31	5.45	5.44	5.28	8.52	8.65	8.62
Crude protein (N × 6.25, % DM)	5.1	14.4	16.9	14.4	34.1	34.0	33.0	53.2	54.1	53.9
Lys (% DM)	0.18	0.91	1.04	0.66	2.35	2.39	1.62	3.63	3.68	2.56
Met (% DM)	0.10	0.44	0.38	0.47	0.96	0.69	0.99	1.54	1.12	1.60
Crude lipid (% DM)	6.8	6.8	7.0	7.4	7.8	6.9	7.7	7.5	7.5	7.7
Ash (% DM)	5.7	5.7	5.8	5.7	6.0	6.0	6.0	5.9	6.0	6.1
Gross energy (kJ/g DM)	18.6	19.0	19.3	19.2	20.2	20.1	19.6	21.3	21.0	21.0

NP, non-protein; LP, low protein; LPM, methionine-deficient low-protein diets; LPL, lysine-deficient low-protein diets; MP, medium protein; MPM, methionine-deficient medium-protein diets; MPL, lysine-deficient medium-protein diets; HP, high protein; HPM, methionine-deficient high-protein diets; HPL, lysine-deficient high-protein diets.

* Acros France; 95% stabilised cholesterol; 98% glycine; 98% D-glucosamine; HCl; agar powder; pure casein (CAS 9000-71-9).

† Eurolysine and Acros (see Table 2 for details).

‡ Louis François (St Maur, France).

§ Sopropêche (Lorient, France).

|| Supplied the following (to provide g/kg mixture): magnesium oxide, 124; calcium carbonate, 215; KCl, 90; NaCl, 40; KI, 40 mg; copper sulphate, 3; cobalt sulphate, 20 mg; ferric sulphate, 20; manganese sulphate, 3; ZnSO₄, 4; dibasic calcium phosphate, 500; NAF, 1.

¶ Supplied the following (to provide g/kg mixture): retinyl acetate (A), 0.172, 1; thiamin (B₁), 0.1; riboflavin (B₂; 80%), 0.5; nicotinic acid (B₃), 1; calcium pantothenate (B₅, 98%), 2; pyridoxine (B₆), 0.3; inositol (B₇), 30; biotin (B₈, 2%), 1; folic acid (B₉), 0.1; vitamin B₁₂ (1 g/kg), 1; ascorbic acid (C, 35%), 14.29; cholecalciferol (D₃), 0.006; tocopheryl acetate (E), 3.7; menadione (K₃, 50%), 2; choline chloride (60%), 167.

** Roquette (Lestrem, France).

†† Contained glucosamine, taurine, betaine, glycine and alanine as 5:3:3:2:2.

Reference

- Richard L, Blanc P-P, Rigolet V, *et al.* (2010) Maintenance and growth requirements for nitrogen, lysine and methionine and their utilisation efficiencies in juvenile black tiger shrimp, *Penaeus monodon*, using a factorial approach. *Br J Nutr* **103**, 984–995. Published by Cambridge University Press, 30 November 2009, doi:10.1017/S0007114509992844.