

Table 1 Effect of acetone and petroleum ether Barboof extracts on the energy budget of *A. ipsilon* in F<sub>1</sub> progeny

Treatments	Gross energy in food ingested (Cal)	Gross energy in faeces (Cal)	Gross energy in food balance (Cal)	Gross energy stored in body (Cal)	CME %	ESI(E) %	ESM(E) %
<i>Control</i>	5 672.17 a	695.63 a	4 393.10 a	1 958.06 a	87.74 a	34.99 a	39.89 a
Acetone extract %							
0%	3 711.72 c	373.82 c	3 030.34 d	1 047.87 d	89.93 a	28.23 b	31.39 b
T/C%	65.44	53.74	68.98	52.79	102.50	80.69	78.69
1.5%	3 717.69 c	325.06 cd	3 119.99 cd	1 517.51 b	91.26 a	40.82 c	44.73 a
T/C%	65.54	46.73	71.03	76.45	104.01	116.66	112.13
3%	3 747.58 c	308.81 d	3 179.76 cd	1 194.37 cd	91.76 a	31.87 a	34.73 ab
T/C%	66.07	44.39	72.38	60.17	91.77	91.08	87.06
Petroleum ether extract %							
0%	4 566.43 ab	542.85 b	3 568.27 b	1 451.67 b	88.11 a	31.79 a	36.08 a
T/C%	80.51	78.04	81.22	73.13	100.42	90.85	90.45
1.5%	4 285.51 b	455.08 bc	3 448.73 bc	1 175.26 cd	89.38 a	27.42 b	30.68 b
T/C%	75.55	65.42	78.50	59.21	101.87	78.37	76.91
3%	3 771.49 c	607.86 a	3 257.47 c	1 231.17 c	83.88 a	32.64 a	38.92 a
T/C%	66.49	87.38	74.15	62.02	95.60	93.28	97.57

Note: Means followed by the same letter in each column are not significantly different at ( $p>0.05$ ), T/C: Treated/Control, F<sub>1</sub>: First Filial generation