

Appendix I. Effect of diet on serum clinical chemistries in cockatiels (*Nymphicus hollandicus*).

	TRT 1	TRT 2	TRT 3	SEM	P Value
Initial body weight	99.1	101.5	100.1	4.4	0.88
Final body weight	122.3	115.0	115.4	3.6	0.17
Weight change	23.2	13.5	15.3	2.8	0.06
Hematocrit	43.3		43.8	1.5	0.66
Heterophils	53.6		56.3	3.9	0.74
Lymphocytes	40.0		38.1	4.4	0.81
Monocytes	2.1		2.9	0.3	0.34
Basophils	4.1		2.4	0.9	0.11
Eosinophils (%)	0.2		0.3	0.1	0.29
Uric acid (mg/dL)	7.5		8.2	0.5	0.58
Lipid (mg/dL)	69.2		73.3	4.2	0.33
Protein (g/dL)	4.2		4.2	0.3	0.91
Cholesterol (mmol/L)	5.2		5.2	0.6	0.93
ALT (IU/L)	246		255	11.5	0.46
CPK	288		247	31	0.38
LDH (IU/L)	288		249	22	0.45
Calcium (mg/dL)	9.6		8.9	0.7	0.63
Glucose (mg/dL)	294		311	10.3	0.41
Choana score (1-5)	3.3		3.1	0.4	0.66
Body condition score (1-5)	3.5		3.3	0.3	0.78
Respiratory rate (per minute)	47		41	6	0.49
Heart rate	368		375	22	0.84
Water intake	22.7		11.2	2.7	0.05
IgY against KLH (titer)	8.5		9.2	1.3	0.55
Cell mediated response (mm)	3.3		3.0	0.4	0.61
Time eating (% of observation period)	15.7		31.1	3.5	0.03

TRT 1 (Pelleted diet nearly nutritionally identical to Lafeber Company Nutri-Berries); TRT 2 (Pelleted diet); TRT 3 (Lafeber Company Nutri-Berries); SEM (Standard error of mean).