

**Appendix Table 1: feed intake (g/day) and metabolic body weight (kg) of rats fed on various tamarind seed inclusion**

Animals	CONT <sub>1</sub>	CONT <sub>2</sub>	CONT <sub>3</sub>	CONT <sub>4</sub>	2%T <sub>1</sub>	2%T <sub>2</sub>	2%T <sub>3</sub>	2%T <sub>4</sub>	4%T <sub>1</sub>	4%T <sub>2</sub>	4%T <sub>3</sub>	4%T <sub>4</sub>	8%T <sub>1</sub>	8%T <sub>2</sub>	8%T <sub>3</sub>	8%T <sub>4</sub>
DM feed intake week 1 (NR)	57.61	70.38	62.84	63.94	61.45	12.26	43.72	39.14	73.77	76.64	46.77	65.72	61.38	67.23	43.72	57.44
DM feed intake week 2 (NR)	40.22	40.22	31.42	37.28	43.72	42.91	38.25	41.62	68.31	35.08	46.77	50.05	50.27	52.61	43.72	48.86
DM feed intake Week3 (NR)	22.62	37.71	37.71	32.68	46.45	46.77	40.11	44.44	40.11	35.08	41.90	39.08	30.72	43.84	40.98	38.51
DM feed intake Week 4 (NR)	35.19	30.17	5.03	23.46	20.95	11.17	37.44	23.18	31.42	35.08	33.52	33.34	38.25	22.85	43.72	34.94
DM feed intake Week 1 (SI)	80.44	59.15	35.08	58.22	33.08	34.91	27.93	31.97	33.08	79.38	29.57	47.34	56.56	86.00	36.97	59.84
DM feed intake week 2 (SI)	58.35	41.90	39.10	46.45	30.66	30.67	36.79	32.70	39.69	26.46	35.91	34.02	35.08	31.42	52.92	39.80
DM feed intake Week 3 (SI)	19.63	46.30	33.52	33.15	36.79	30.66	24.52	30.66	36.38	55.18	34.91	42.15	58.46	30.65	59.54	49.55
DM feed intake Week 4 (SI)	62.84	46.30	39.10	47.55	49.05	49.05	42.92	47.01	39.69	36.79	62.84	46.44	40.92	61.31	52.92	51.71
DM feed intake Week 1 (SHR)	39.28	41.90	47.13	37.71	47.13	35.35	35.91	46.08	54.99	39.01	24.33	45.25	51.06	33.52	33.52	27.49
DM feed intake week 2 (SHR)	70.70	75.41	39.28	58.65	54.99	47.13	67.03	62.84	47.13	50.27	54.99	91.85	39.21	46.08	52.71	35.35
DM feed intake Week 3 (SHR)	78.55	75.41	70.70	79.60	62.84	54.99	67.03	67.03	36.97	78.55	47.13	44.89	54.99	50.27	56.76	54.99
DM feed intake Week 4 (SHR)	62.84	54.99	59.16	48.65	47.13	47.13	62.84	39.28	44.36	58.92	54.99	37.71	39.28	41.90	57.13	39.28
Body Weight week 0 (NR)	0.48	0.48	0.46	0.47	0.45	0.38	0.44	0.42	0.43	0.41	0.43	0.42	0.41	0.43	0.45	0.43
Body weight Week 1 (NR)	0.48	0.50	0.48	0.48	0.45	0.41	0.46	0.44	0.46	0.41	0.43	0.43	0.43	0.43	0.46	0.44
Body weight Week 2 (NR)	0.50	0.50	0.48	0.49	0.46	0.41	0.46	0.44	0.46	0.43	0.43	0.44	0.45	0.43	0.46	0.44
Body weight week 3(NR)	0.50	0.50	0.50	0.50	0.46	0.43	0.47	0.45	0.47	0.43	0.45	0.45	0.45	0.43	0.46	0.44
Body weight week 4 (NR)	0.50	0.50	0.50	0.50	0.48	0.45	0.47	<b>0.46</b>	0.48	0.43	0.45	0.45	0.46	0.44	0.46	0.45
Body weight Week 0 (SI)	0.23	0.30	0.36	0.29	0.36	0.34	0.34	0.34	0.34	0.36	0.32	0.34	0.38	0.34	0.32	0.34
Body weight Week 1 (SI)	0.25	0.34	0.43	0.34	0.38	0.36	0.36	0.36	0.38	0.38	0.34	0.36	0.40	0.38	0.34	0.37

Body weight Week 2 (SI)	0.28	0.36	0.45	0.36	0.41	0.41	0.41	0.41	0.38	0.38	0.35	0.37	0.43	0.40	0.38	0.40
Body weight Week 3 (SI)	0.32	0.38	0.45	0.38	0.41	0.41	0.41	0.41	0.38	0.41	0.36	0.38	0.43	0.41	0.38	0.40
Body weight Week 4 (SI)	0.32	0.38	0.45	0.38	0.41	0.41	0.41	0.41	0.38	0.41	0.30	0.36	0.43	0.41	0.38	0.40
Body weight Week 0 (SHR)	0.29	0.26	0.30	0.28	0.30	0.30	0.28	0.29	0.28	0.28	0.30	0.25	0.28	0.28	0.30	0.30
Body weight Week 1 (SHR)	0.32	0.30	0.32	0.30	0.32	0.32	0.28	0.30	0.32	0.29	0.31	0.25	0.32	0.30	0.30	0.32
Body weight Week 2 (SHR)	0.32	0.30	0.32	0.30	0.32	0.32	0.30	0.30	0.32	0.30	0.32	0.26	0.32	0.30	0.31	0.32
Body weight Week 3 (SHR)	0.32	0.30	0.32	0.30	0.32	0.32	0.30	0.30	0.34	0.32	0.32	0.28	0.32	0.30	0.31	0.32
Body weight Week 4 (SHR)	0.32	0.32	0.34	0.31	0.32	0.32	0.32	0.32	0.34	0.32	0.32	0.30	0.32	0.30	0.33	0.32