

TABLE 1 b.
The Repeated Administration of Tryptophane to a Dog on a Meat Diet. Dog B. (Weight 23½ lbs.) Estimation in the Urine (1) of the Kynurenic Acid by Capaldi's Method. (2) Estimation of the Uric Acid Contaminating the Capaldi's Precipitates and Hence the True Value for the Kynurenic Acid' Output. (3) Estimation of the Uric Acid Content of the Urine by Hopkins' Method.

Date.	Diet.	Total volume of urine.	(1)		(2)		(3)	
			Weight of kynurenic acid by Capaldi's method. Ppt. A. = kynurenic — uric acid.	Total.	Kynurenic acid after deducting uric acid contaminating Ppt. A.	Total.	Total amount of uric acid in the urine estimated by Hopkins' method on 100 cc. of the urine.	Total.
		cc.	(a) per cc.	(b) Total.	(a) per cc.	(b) Total.	(a) per cc.	(b) Total.
May			gm.	gm.	gm.	gm.	gm.	gm.
21-22	500 gm. meat	288	0.000344	0.099	0.000277	0.080	0.000472	0.136
22-23	" "	380	0.000334	0.355	0.000724	0.275	0.000482	0.183
23-24	" "	340	0.00168	0.502	0.00130	0.441	0.000483	0.164
24-25	" "	544	0.00106	0.578	0.000901	0.491	0.000404	0.220
25-26	" "	464	0.00094	0.436	0.000728	0.338	0.000342	0.168
26-27	500 gm. meat and 5 gm. tryptophane	282	0.00218	0.707	0.00226	0.636	0.00056	0.155
27-28	" "	349	0.00261	0.901	0.00300	0.832	0.000535	0.187
28-29	" "	558	0.00349	1.946	0.00307	1.812	0.000571	0.319
29-30	" "	322	0.00498	1.603	0.00487	1.573	0.000639	0.206
30-31	" "	818	0.00221	1.804	0.00209	1.712	0.000309	0.253
June								
1-2	500 gm. meat	384	0.000810	0.312	Spoilt		0.000560	0.215
2-3	" "	366	0.000752	0.275	0.000511	0.187	0.000441	0.161
3-4	" "	316	0.000338	0.170	0.000332	0.105	0.000371	0.117
4-5	" "	461	0.000455	0.210	0.000276	0.127	0.000324	0.149
5-6	" "	338	0.000462	0.150	0.000248	0.0838	0.000426	0.142
			Mixed precipitates A (Capaldi)		True value for kynurenic acid.			