

purposely employed. The figures representing "solids," "urea," and "solids not urea," are necessarily not very exact, from the nature of the methods employed; different chemists have chosen various factors to apply to the gravity in the calculations of the solids, and it is known that the nitrogen evolved by sodium hypobromite is not all of that present in the urea and includes some from uric acid and creatinin; in spite of these absolute inaccuracies, however, the relative figures may be considered to fairly represent the variations in the constituents.

EXPERIMENTAL RESULTS.

The results obtained are presented in the following tables, each series being discussed separately.

Series I.

Forty-four irregular periods, nearly consecutive, during 17 out of 19 consecutive days.

- A Date of excretion.
- B End of period of excretion.
- C Length of period of excretion (hours).
- D Volume per hour (c.c.)
- E Reaction.
- F Color.
- G Gravity above 1000.
- H Solids per hour (grams).
- I Urea per cent.
- J Urea per hour (grams).
- K Solids not urea per hour (grams).

A	B	C	D	E	F	G	I	I	J	K
Mar. 8, 9	7 A.	12	41.7	Acid	Yel.-red	22	2.14	1.40	0.58	1.56
" 9, 10	6.30 A.	12	34.3	Acid	Red-yel.	23	1.84	1.45	0.50	1.34
" 10	6.30 P.	12	27.1	Neut.	Red-yel.	25	1.58	1.60	0.43	1.15
" 10, 11	6.30 A.	12	27.9	Acid	Red-yel.	27	1.74	2.10	0.59	1.15
" 11	7 P.	12	25.4	Acid	Red-yel.	27	1.60	2.20	0.56	1.04
" 11, 12	7 A.	12	31.7	Acid	Yel.-red	25	1.85	1.75	0.55	1.30
" 12	7 P.	12	28.7	Acid	Yel.-red	27	1.81	1.50	0.43	1.38
" 12, 13	7 A.	12	26.7	Acid	Yel.-red	30	1.87	2.30	0.61	1.26
" 13	1 P.	6	53.3	Alk.	Red-yel.	18	1.30	1.30	0.69	0.61
" 13	7 P.	6	30.8	Acid	Yel.-red	16	1.56	1.20	0.37	1.19
" 13, 14	7 A.	12	35.4	Acid	Yel.-red	21	1.73	1.65	0.58	1.15
" 14	1 P.	6	36.7	Alk.	Red-yel.	22	1.88	1.50	0.55	1.33
" 14	7 P.	6	41.7	Acid	Yel.-red	27	2.62	1.85	0.77	1.85
" 14, 15	7 A.	12	26.2	Acid	Yel.-red	24	1.47	2.20	0.58	0.89
" 15	7 P.	12	32.5	Acid	Yel.-red	29	2.20	2.35	0.77	1.43
" 15, 16	7 A.	12	29.2	Neut.	Red-yel.	23	1.56	2.20	1.01	0.55
" 16	1 P.	6	49.2	Neut.	Yel.-red	23	2.64	1.85	0.91	1.73