LABORATORY

OF THE

INLAND REVENUE DEPARTMENT

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INFANT'S AND INVALID'S FOODS.

OTTAWA, July 24, 1909.

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     Deputy Minister of Inland Revenue.

SIR :—I have the honour to transmit you herewith a report upon 77 samples of so-called Infant's and Invalid's Foods. The present inspection has regard to a collection ordered in April last, and represents twenty-three (23) different brands. It does not claim to cover all the kinds of Infant's and Invalid's Foods which are found upon the Canadian Market ; but it probably indicates pretty fairly their general character.

The only previous collection of this kind was made in April, 1898. (*See* Bull. 59). At that time, one hundred and three samples (103) representing twenty-two (22) brands, were reported. Ten of these brands are represented in the present collection ; and analysis shows most of these foods to be essentially of the same character as they were found eleven years ago. This is shown in the following table :—

TABLE I.—COMPARISON OF MEAN RESULTS FOR 1898 AND 1909.

Name of Brand.	Mois-ture.	Fat.	Loss to Alcohol.	Loss to Water.	Sum of Losses.	Pro-teids.	Ash.	Starch, &c., Differ-ence.	No. of Samples Examined.
Cardinal Food, 1898	9·61	0·64	4·91	2·91	7·82	10·38	1·48	67·35	5
" 1909	7·26	0·42	5·64	3·33	8·94	10·44	0·98	71·91	3
Christies Food, 1898	4·22	3·49	27·89	6·00	33·89	7·19	1·05	49·31	5
" 1909	3·70	3·05	28·40	7·25	35·65	6·50	1·00	50·10	1
English Milk Food, 1898	5·38	0·57	....	....	29·59	10·43	1·06	53·62	2
" 1909	5·60	0·83	19·90	9·85	29·78	8·44	0·77	54·08	2
Wemalta, 1898	8·65	0·85	5·90	3·77	9·67	12·18	0·88	68·62	2
" 1909	9·00	1·27	8·55	20·58	29·13	11·75	0·84	48·61	3
Horlick's Malted Milk, 1898	2·55	1·41	....	....	63·87	14·90	3·57	15·68	9
" 1909	3·13	7·92	50·59	18·28	68·87	14·90	3·55	1·63	8
Lactated Food, 1898	5·77	0·48	28·24	4·27	32·90	10·01	2·57	47·72	12
" 1909	6·87	0·38	24·18	6·26	30·44	9·54	1·14	51·75	8
Mellins' Food, 1898	4·72	0·30	....	....	82·06	10·10	3·50	....	8
" 1909	4·06	0·74	69·41	10·46	79·92	10·97	3·28	1·63	4
Ridges' Food, 1898	8·12	0·48	0·34	4·67	5·02	13·83	0·53	72·01	9
" 1909	8·11	1·91	Trace...	4·36	4·36	11·77	0·51	73·34	4
Nestle's Food, 1898	2·18	4·45	39·54	4·30	43·84	10·72	1·60	35·34	9
" 1909	1·67	4·69	49·83	13·03	62·85	12·09	1·51	17·19	8
Robinson's Barley, 1898	9·41	0·41	0·65	2·26	2·91	7·46	0·94	78·66	7
" 1909	8·46	1·26	2·69	4·09	6·78	7·25	0·61	75·64	6