

ANALYSES OF SOME OF THE SAMPLES MENTIONED IN THE TABLE ACCOMPANYING THIS REPORT.

No. of Sample.	Name.	Total Proteids N. 6-25.	Moisture.	Fat or Petroleum Ether Extract.	92 p. c. Alcohol Extract.	Water Extract.	Crude Fibre.	Total Ash.	Starch by Difference
27137	Rolled Oats.....	11.56	8.68	3.76	3.80	2.20	1.60	1.70	66.70
27159	".....	12.06	9.40	4.20	3.76	1.68	1.80	1.98	65.12
27162	".....	11.87	8.72	5.40	3.64	1.44	2.10	1.56	65.27
27164	".....	11.56	9.65	5.07	3.16	2.72	2.20	1.58	64.06
27176	".....	11.37	8.36	4.76	4.28	1.52	1.65	1.60	66.46
28305	Oatmeal.....	11.18	9.03	3.89	4.28	2.32	3.35	0.96	63.85
28307	".....	10.93	9.08	3.76	4.44	2.28	2.29	1.74	65.57
28317	".....	12.87	9.20	3.40	4.60	1.52	2.60	1.74	64.67
24221	Quaker Oats.....	11.87	9.56	5.72	3.36	2.68	2.30	1.74	62.77
24224	Rob Roy Scotch Oat- meal.....	12.00	9.00	3.00	4.84	1.88	1.70	1.08	66.50
24242	Flaked Oatmeal.....	11.87	9.76	5.16	3.28	2.60	2.00	1.54	64.39
24245	".....	12.00	10.08	5.32	2.32	2.20	3.15	1.64	63.29
24254	Rolled Oats.....	12.62	9.12	4.60	3.60	2.48	1.55	1.84	64.79
24255	".....	12.50	7.28	5.48	2.92	3.04	1.75	1.20	65.83
24260	Flaked Oats.....	12.00	8.68	4.52	3.28	2.44	2.15	1.46	65.47
24263	".....	12.81	8.80	5.64	2.29	2.28	1.80	0.92	65.46
24264	Rolled Oats.....	13.93	8.20	5.44	3.56	2.92	2.40	0.35	63.20
706	Oatmeal.....	12.69	7.68	5.28	4.28	3.88	0.80	1.10	64.29
707	".....	13.37	8.12	5.56	3.64	3.44	0.80	0.70	64.37
27657	Rolled Oats.....	13.94	9.88	3.72	3.48	1.68	2.10	1.64	64.16
29317	Oatmeal.....	11.82	7.60	5.08	4.48	2.76	2.35	1.15	64.76
29322	Rolled Oats.....	12.63	8.24	5.32	4.12	3.60	1.90	1.55	64.14
29457	".....	13.75	9.48	4.90	4.84	0.52	1.35	1.52	64.54
27637	Oatmeal.....	12.94	8.28	2.52	5.04	1.60	1.60	1.84	66.18
30125	Jersey Oats.....	11.02	8.80	4.72	2.56	2.24	1.50	1.86	67.30
28678	Quaker Oats.....	11.94	7.56	5.64	3.76	3.00	0.25	0.45	67.40
28679	Rolled Oats.....	12.93	7.56	5.80	4.04	2.92	0.20	0.90	65.65

These analyses give the following averages as regards the most valuable nutrients in oatmeal:—

Proteids 12.30 p.c.
Fat..... 4.67 "

The averages given in König's large work (*Chemische Zusammensetzung der Menschlichen Nahrungs- und Genussmittel*, 1903; I, 632) for the same constituents in oatmeal are as follows:—

Proteids..... 13.87 p.c.
Fat..... 6.18 "

I have the honour to be, sir,

Your obedient servant,

THOMAS MACFARLANE,
Chief Analyst.