

Return of Analyses at the Analytical Laboratory, Dunedin—continued.

Department or Person from whom Sample Received.	Date Received.	Nature of Sample.	Adulteration suspected or for what analysed.	Result of Analysis.																																												
Police	Oct. 1	Whisky	For comparison and strength	Proof-spirit, 84 per cent. = U.P. 16; chlorine, 0.70 gr. per gall.																																												
"	" 1	"	Ditto	Proof-spirit, 73.8 per cent. = U.P. 26.2; residue, 73 gr. per gall.; chlorine, 0.56 gr. per gall.																																												
"	" 1	"	"	Proof-spirit, 83.4 per cent. = U.P. 16.6; residue, 340 gr. per gall.; chlorine, 0.7 gr. per gall.																																												
"	" 1	"	"	Proof-spirit, 83.1 per cent. = U.P. 16.9; residue, 350 gr. per gall.; chlorine, 0.7 gr. per gall.																																												
"	" 1	"	"	Proof-spirit, 82.5 per cent. = U.P. 17.5.																																												
Dairy Inspector	" 27	Milk	Water added, cream removed	81.3 " = 18.7. Total solids, 13.1; fat, 3.2; solids not fat, 9.9. Good.																																												
"	" 27	"	Ditto	" 13.07; " 3.27; " 9.80.																																												
"	" 27	"	"	" 14.52; " 4.31; " 10.21.																																												
"	" 27	"	"	" 13.27; " 3.37; " 9.90.																																												
"	" 27	"	"	" 12.80; " 2.94; " 9.86. Fat deficient.																																												
"	" 27	"	"	" 11.86; " 2.68; " 9.18.																																												
"	" 27	"	"	" 14.06; " 4.11; " 9.95. Good.																																												
"	" 27	"	"	" 13.98; " 4.10; " 9.88.																																												
"	" 27	"	"	" 12.69; " 3.00; " 9.69.																																												
"	" 27	"	"	" 13.19; " 3.70; " 9.49.																																												
"	" 27	"	"	" 13.37; " 3.42; " 9.95.																																												
"	" 27	"	"	" 13.76; " 3.96; " 9.80.																																												
"	" 27	"	"	" 13.26; " 3.36; " 9.85.																																												
Dr. Ogston Dairy Inspector	" 12	"	Impurities	Genuine.																																												
"	" 29	"	Water added, cream removed	Total solids, 13.31; fat, 3.76; solids not fat, 9.55. Good.																																												
"	" 29	"	Ditto	" 12.31; " 2.76; " 9.55. Cream removed.																																												
"	" 29	"	"	" 12.81; " 3.21; " 9.60. Genuine.																																												
"	" 29	"	"	" 13.27; " 2.65; " 10.62. Cream removed.																																												
"	" 29	"	"	" 12.96; " 3.42; " 9.56. Good.																																												
"	" 29	"	"	" 13.07; " 3.27; " 9.80.																																												
"	" 29	"	"	" 13.11; " 3.55; " 9.56.																																												
"	Nov. 1	"	"	" 11.90; " 2.60; " 9.30. Cream removed.																																												
"	" 1	"	"	" 12.84; " 3.00; " 9.84. Genuine.																																												
"	" 1	"	"	" 12.15; " 3.01; " 9.14.																																												
"	" 1	"	"	" 13.00; " 3.20; " 9.80.																																												
"	" 1	"	"	" 12.60; " 2.95; " 9.65. Poor.																																												
"	" 1	"	"	" 12.45; " 3.00; " 9.45. Good.																																												
"	" 1	"	"	" 12.85; " 3.20; " 9.65.																																												
"	" 8	"	"	" 13.68; " 4.10; " 9.58.																																												
"	" 8	"	"	" 13.25; " 3.00; " 10.25.																																												
"	" 8	"	"	" 12.23; " 2.60; " 9.63. Creamed.																																												
"	" 6	"	"	" 11.42; " 2.50; " 8.92. Watered.																																												
"	" 6	"	"	" 12.50; " 2.87; " 9.63. Creamed.																																												
"	" 6	"	"	" 12.12; " 2.91; " 9.21. Poor.																																												
"	" 6	"	"	" 13.30; " 3.30; " 10.00.																																												
"	" 6	"	"	" 12.79; " 3.22; " 9.57.																																												
"	" 6	"	"	" 12.63; " 2.85; " 9.78. Creamed.																																												
"	" 6	"	"	" 13.12; " 3.10; " 10.02.																																												
"	" 6	"	"	Genuine good milk.																																												
"	" 7	"	"	Total solids, 12.79; fat, 3.22; solids not fat, 9.57.																																												
"	" 7	"	"	" 13.57; " 3.45; " 10.12.																																												
"	" 7	"	"	" 13.37; " 3.29; " 10.08.																																												
"	" 1	"	"	All these conform to the requirements of the Adulteration of Foods Acts.																																												
"	" 1	"	"																																													
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"	" 3	"	"																																													
				<table border="0"> <tr> <td>Solid Residue, in Grains per Gall.</td> <td>Organic, Grains per Gall.</td> <td>Chlorine, Grains per Gall.</td> <td>Chloride of Sodium, Grains per Gall.</td> </tr> <tr> <td>32</td> <td>2.7</td> <td>7.0</td> <td>11.6</td> </tr> <tr> <td>17</td> <td>2.3</td> <td>3.1</td> <td>6.2</td> </tr> <tr> <td>17</td> <td>2.2</td> <td>3.1</td> <td>5.2</td> </tr> <tr> <td>40</td> <td>2.6</td> <td>6.4</td> <td>10.5</td> </tr> <tr> <td>34</td> <td>2.1</td> <td>6.0</td> <td>10.0</td> </tr> <tr> <td>44</td> <td>2.9</td> <td>9.7</td> <td>16.0</td> </tr> <tr> <td>38</td> <td>4.1</td> <td>8.4</td> <td>13.8</td> </tr> <tr> <td>14</td> <td>3.3</td> <td>4.0</td> <td>6.6</td> </tr> <tr> <td>33</td> <td>2.4</td> <td>8.3</td> <td>13.6</td> </tr> <tr> <td>32</td> <td>2.4</td> <td>7.6</td> <td>12.9</td> </tr> </table>	Solid Residue, in Grains per Gall.	Organic, Grains per Gall.	Chlorine, Grains per Gall.	Chloride of Sodium, Grains per Gall.	32	2.7	7.0	11.6	17	2.3	3.1	6.2	17	2.2	3.1	5.2	40	2.6	6.4	10.5	34	2.1	6.0	10.0	44	2.9	9.7	16.0	38	4.1	8.4	13.8	14	3.3	4.0	6.6	33	2.4	8.3	13.6	32	2.4	7.6	12.9
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Public Health	1907. Jan. 21	Water	Impurities	<p>In all of these samples of water there was present some free ammonia, and a high proportion of organic nitrogen present in the organic matter. On standing seven days in the laboratory in warm weather there was a disagreeable odour and the beginnings of a slimy filamentous deposit. I therefore reported to the District Health Officer in Dunedin that all these ten samples should be taken as bad water. Owing to the large proportion of iron-compounds present I was not able to get reliable results by the De Chaumont permanganate test.</p>																																												
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