

*Return of Analyses at the Analytical Laboratory, Christchurch—continued.*

| Department or Person from whom Sample received. | Date received.     | Nature of Sample.          | Adulteration suspected, or for what analysed. | Result of Analysis.                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------|--------------------|----------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inspector of Weights and Measures.              | 1906.<br>Feb. 3 .. | Whisky .. ..               | Adulteration ..                               | Alcohol, 36·83 per cent., equals 23·12 per cent. under proof; extract, 0·21 per cent.; acid, 0·035 per cent.; methyl alcohol, nil; fusel-oil, trace.                                                                                                                                                             |
| Ditto ..                                        | " 3 ..             | " .. ..                    | " ..                                          | Alcohol, 39·55 per cent. equals 17·88 per cent. under proof; extract, 0·25 per cent.; acid, 0·035 per cent.; methyl alcohol, nil; fusel-oil, trace.                                                                                                                                                              |
| Customs ..                                      | " 20 ..            | Glacial acetic acid        | Tariff ..                                     | 95 per cent. acetic acid; 49° Fahr. melting-point. The sample was not glacial.                                                                                                                                                                                                                                   |
| " ..                                            | " 24 ..            | Acetic acid ..             | " ..                                          | 49·6 per cent. acetic acid.                                                                                                                                                                                                                                                                                      |
| " ..                                            | " 24 ..            | " .. ..                    | " ..                                          | 57·5 per cent.                                                                                                                                                                                                                                                                                                   |
| Inspector of Weights and Measures, Rangiora.    | " 9 ..             | Whisky ..                  | Purity ..                                     | Alcohol, 40·3 per cent., equals 16·46 per cent. under proof; extract, 0·16 per cent.; acetic acid, 0·05 per cent.; fusel-oil, trace; methyl alcohol, nil.                                                                                                                                                        |
| Ditto ..                                        | " 9 ..             | " .. ..                    | " ..                                          | Alcohol, 38·22 per cent., equals 20·43 per cent. under proof; extract, 0·18 per cent.; acid, 0·025 per cent.; fusel-oil, trace; methyl oil, nil.                                                                                                                                                                 |
| " ..                                            | " 9 ..             | " .. ..                    | " ..                                          | Alcohol, 40·05 per cent., equals 16·93 per cent. under proof; extract, 0·19 per cent.; acid, 0·05 per cent.; fusel-oil, trace; methyl alcohol, nil.                                                                                                                                                              |
| " ..                                            | " 9 ..             | Ale, draught ..            | " ..                                          | Original gravity, 1·0457; specific gravity, 1·0121. Alcohol, 4·33 per cent.; extract, 3·15 per cent.                                                                                                                                                                                                             |
| " ..                                            | " 9 ..             | " .. ..                    | " ..                                          | Acid (lactic), 0·14 per cent.; ash, 0·32 per cent.; sulphates, 0·13 per cent.; sulphites, trace; other preservatives, nil; bitters, (from) hops. A weak ale.                                                                                                                                                     |
| " ..                                            | " 9 ..             | " bottled ..               | " ..                                          | Original gravity, 1·0616; specific gravity, 1·0102. Alcohol, 4·7 per cent.; extract, 5·07 per cent.; acid (lactic), 0·175 per cent.; ash, 0·53 per cent.; sulphates, 0·14 per cent.; sulphites, trace; other preservatives, nil; bitters, (from) hops.                                                           |
| " ..                                            | " 9 ..             | " Rangiora ..              | " ..                                          | Original gravity, 1·0453; specific gravity, 1·015. Alcohol, 3·67 per cent.; extract, 4·43 per cent.; ash, 0·26 per cent.; acid (lactic), 0·18 per cent.; sulphates, 0·12 per cent.; sulphites, trace; other preservatives, nil; bitters, (from) hops. Too great a proportion of water.                           |
| " ..                                            | " 9 ..             | " Crown Brewery ..         | " ..                                          | Original gravity, 1·0535; specific gravity, 1·0071. Alcohol, 4·75 per cent.; extract, 4·05 per cent.; ash, 0·25 per cent.; acid (lactic), 0·13 per cent.; sulphates, 0·17 per cent.; sulphites, trace; bitters, (from) hops; poisonous metals, nil.                                                              |
| " ..                                            | " 9 ..             | Wine .. ..                 | " ..                                          | Specific gravity, 6·9945. Extract, 1·65 per cent.; alcohol, 7·5 per cent.; equals proof spirit, 16·36 per cent.; ash, 0·13 per cent.; acid (acetic), 0·61 per cent.; preservatives and poisonous metals, nil. This sample had a flat and unpleasant acid taste, and was in my opinion unsound and unfit for use. |
| " ..                                            | " 12 ..            | Ale, bottled, Crown ..     | " ..                                          | Original gravity, 1·0496; specific gravity, 1·0048. Alcohol, 4·7 per cent.; extract, 3·44 per cent.; ash, 0·28 per cent.; acid (lactic), 0·126 per cent.; sulphates, 0·14 per cent.; sulphites, trace; bitters, (from) hops; poisonous metals, nil.                                                              |
| Inspector of Weights and Measures               | " 12 ..            | Ale, draught, Manning's .. | " ..                                          | Original gravity, 1·0448; specific gravity, 1·0077. Alcohol, 4·02 per cent.; extract, 3·86 per cent.; ash, 0·28 per cent.; acid (lactic), 0·167 per cent.; sulphates, 0·12 per cent.; sulphites, trace; bitters, (from) hops; poisonous metals, nil.                                                             |
| Ditto ..                                        | " 12 ..            | Whisky .. ..               | " ..                                          | Alcohol, 38·78 per cent., equals 19·36 per cent. under proof; extract, 0·17 per cent.; acid, 0·03 per cent.; fusel-oil, trace; methyl alcohol, nil.                                                                                                                                                              |