

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.
	1906.			
	Mar. 1	Water from the Lyttelton water-supply	Purity	Volatile and organic matter, 3·6 gr.; sodium-chloride, 10·95 gr.; carbonate of lime, 2·34 gr.; iron, 0·005 gr.; silicates, 1·58 gr.; nitrates, trace; sulphates, trace.
	" 1	Ditto	"	Volatile and organic matter, 3·92 gr.; sodium-chloride, 10·95 gr.; carbonate of lime, 2·34 gr.; iron, 0·02 gr.; silicates, 1·68 gr.; nitrates, trace; sulphates, trace.
Customs	" 7	Glacial acetic acid	Tariff	Acetic acid, 94 per cent.; melting-point, 48° Fahr. This sample is not "glacial."
Health	" 10	Water, Lyttelton waterworks	Purity	Volatile and organic matter, 4·74 gr.; sodium-chloride, 11·66 gr.; soda-salts, 0·56 gr.; lime, 3·36 gr.; silicates, 1·62 gr.; iron and sulphates, trace; free and albuminoid ammonia, trace.
"	" 10	Ditto	"	Volatile and organic matter, 1·68 gr.; sodium-chloride, 1·51 gr.; soda-salts, trace; lime, 0·38 gr.; silicates, 1·12 gr.; iron, trace; sulphates, trace; free ammonia, 0·07 gr.; albuminoid ammonia, 0·014 gr.
"	" 10	"	"	Volatile and organic matter, 0·98 gr.; sodium-chloride, 4·62 gr.; soda-salts, trace; lime, 1·68 gr.; silicates, 0·28 gr.; iron and sulphate, trace; free ammonia, trace; albuminoid ammonia, trace.
"	" 10	"	"	Volatile and organic matter, 4·82 gr.; sodium-chloride, 13·28 gr.; soda-salts, 0·96 gr.; lime, 4·48 gr.; silicates, 1·40 gr.; iron, nitrates, free ammonia, albuminoid ammonia, trace.
"	" 10	"	"	Volatile and organic matter, 5·04 gr.; sodium-chloride, 13·28 gr.; soda-salts, 0·94 gr.; lime, 3·68 gr.; silicates, 1·4 gr.; iron, free ammonia, and albuminoid ammonia, trace.
"	" 10	"	"	Volatile and organic matter, 4·2 gr.; sodium-chloride, 2·8 gr.; sodium-salts, 0·59 gr.; lime, 4·4 gr.; silicates, 1·96 gr.; iron, nitrates, free ammonia, and albuminoid ammonia, trace.
Customs	" 18	Acetic acid	Tariff	Acetic acid, 58·7 per cent.
Inspector of Weights and Measures, Kaikoura	" 12	Whisky	Purity	Alcohol, 43 per cent., equals 11·38 per cent. under proof; extract, 0·19 per cent.; acid, 0·05 per cent.; fusel-oil, trace; methyl alcohol, nil.
Ditto	" 12	"	"	Alcohol, 32·94 per cent., equals 20·96 per cent. under proof; extract, 0·43 per cent.; acid, 0·06 per cent.; fusel-oil, trace; methyl alcohol, nil. A little sherry wine has been added.
"	" 12	"	"	Alcohol, 40·3 per cent., equals 16·46 per cent. under proof; extract, 0·19 per cent.; acid, 0·03 per cent.; fusel-oil, trace; methyl alcohol, nil.
"	" 12	Ale, Bass and Co.	"	Original gravity, 1·0576; specific gravity, 1·0049. Alcohol, 5·83 per cent.; extract, 3·46 per cent.; acid (lactic), 0·17 per cent.; ash, 0·31 per cent.; sulphates (lime), 0·13 per cent.; sulphites, trace; poisonous metals, nil.