

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.
Health ..	1905. Dec. 4 ..	Akaroa Borough Council water-supply	Purity	Volatile matter, 1.45 gr. per gallon; sodium-chloride, 2.5 gr. per gallon; lime, 0.71 gr. per gallon; silicates, 1.68 gr. per gallon; sulphate, trace; nitrates, bare trace; free ammonia, 0.006 parts per million; albuminoid ammonia, trace.
" ..	" 4 ..	Ditto	"	Volatile matter, 2.24 gr. per gallon; sodium-chloride, 2.64 gr. per gallon; lime, 0.7 gr. per gallon; silicates, 1.95 gr. per gallon; sulphates, trace; nitrates, bare trace; iron, little present, and doubtless from the pipes; free ammonia, 0.01 parts per million; albuminoid ammonia, trace.
" ..	" 15 ..	Water at Linwood ..	"	Volatile matter, 1.68 gr. per gallon; iron and lime, 1.25 gr. per gallon; sodium-chloride, 1.27 gr. per gallon; silicates, 1.12 gr. per gallon; sulphates, trace; free ammonia, 0.086 parts per million; albuminoid ammonia, 0.01 parts per million. Slightly contaminated with fresh sewage-water.
Customs ..	" 20 ..	Acetic acid ..	Tariff	57.2 per cent. acetic acid.
" ..	" 20 ..	Glacial acetic acid ..	"	98 per cent. acetic acid; 56° Fahr. melting-point.
" ..	" 29 ..	Acetic acid ..	"	56.4 per cent. acetic acid.
" ..	1906. Jan. 6 ..	"	"	98.5 per cent. acetic acid; 57° Fahr. melting-point.
" ..	" 25 ..	"	"	57.6 per cent. acetic acid.
" ..	Feb. 4 ..	"	"	51 ..
" ..	" 4 ..	"	"	59 ..
Inspector of Weights and Measures	" 4 ..	Ashburton bread ..	Adulteration ..	Free from adulteration.
Ditto ..	" 4 ..	"	"	" ..
" ..	" 4 ..	"	"	" ..
" ..	" 4 ..	"	"	" ..
" ..	" 4 ..	"	"	" ..
" ..	" 4 ..	"	"	" ..
Health ..	" 6 ..	Water	Purity	Organic volatile matter, 3.14 gr. per gallon; sodium-chloride, 1.29 gr. per gallon; nitrates and sulphates, 0.35 gr. per gallon; silicates, 0.58 gr. per gallon; free ammonia, 0.04 parts per million; albuminoid ammonia, 0.03 parts per million. The analysis shows the water is not good.
Inspector of Weights and Measures	" 3 ..	Ale, draught ..	"	Specific gravity of ale, 1.0069; original gravity of wort, 1.0482. Alcohol, 5.18 per cent.; extract, 3.83 per cent.; acid, as lactic, 0.156 per cent.; ash, 0.28 per cent.; sulphates, as lime-salt, 0.14 per cent.; sulphites, trace; other preservatives, nil; bitters, (from) hops; poisonous metals, nil.
Ditto ..	" 3 ..	"	"	Specific gravity of ale, 1.0043; original gravity of wort, 1.0457. Alcohol, 4.33 per cent.; extract, 3.15 per cent.; acid, as lactic, 0.16 per cent.; ash, 0.21 per cent.; sulphates, as lime-salt, 0.06 per cent.; sulphites, trace; other preservatives, nil; bitters, (from) hops; poisonous metals, nil.
" ..	" 3 ..	"	"	Specific gravity of ale, 1.0059; original gravity of wort, 1.0505. Alcohol, 4.02 per cent.; extract, 3.68 per cent.; acid, as lactic, 0.1269; ash, 0.24 per cent.; sulphates, as lime-salt, 0.16 per cent. Sulphites, trace; other preservatives, nil; bitters, (from) hops; poisonous metals, nil.
" ..	" 3 ..	"	"	Specific gravity of ale, 1.00071; original gravity of wort, 1.0525. Alcohol, 4.7 per cent.; extract, 4 per cent.; acid, as lactic, 0.139 per cent.; ash, 0.29 per cent.; sulphates, 0.17 per cent.; sulphites, trace; other preservatives, nil; bitters, (from) hops; poisonous metals, nil.