

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, Kaikoura	1906. Mar. 12 ..	Ale, Marlborough Brewery	Purity	Original gravity, 1.062; specific gravity, 1.0056. Alcohol, 5.51 per cent.; extract, 3.62 per cent.; ash, 0.28 per cent.; acid, 0.16 per cent.; sulphates, 0.04 per cent.; sulphites, trace; poisonous metals, nil.
Ditto ..	" 12 ..	Ale, Ward and Co.	"	Original gravity, 1.0528; specific gravity, 1.0058. Alcohol, 5.07 per cent.; extract, 3.6 per cent.; ash, 0.42 per cent.; acid (lactic), 0.12 per cent.; sulphates (lime), 0.08 per cent.; sulphites, trace; poisonous metals, nil.
Customs ..	" 21 ..	Acetic acid ..	Tariff	Acetic acid, 29.25 per cent.
Health ..	" 20 ..	Water, service-pipes	Purity	Organic and volatile matter, 2.52 gr.; sodium-chloride, 4.94 gr.; sodium-sulphates, 0.64 gr.; carbonate of lime, 2.52 gr.; silicates, 1.12 gr.; nitrates, bare trace; free ammonia, 0.004 gr.; albuminoid ammonia, trace.
" ..	" 20 ..	Water, service-pipes, Lyttelton	"	Organic and volatile matter, 2.66 gr.; sodium-chloride, 4.94 gr.; sodium-sulphates, 0.69 gr.; carbonate of lime, 2.52 gr.; silicates, 1.10 gr.; nitrates, bare trace; free ammonia, 0.004 gr.; albuminoid ammonia, trace.
" ..	" 20 ..	Ditto	"	Organic and volatile matter, 2.52 gr.; sodium-chloride, 4.94 gr.; sodium-sulphates, 0.7 gr.; carbonate of lime, 2.52 gr.; silicates, 1.12 gr.; nitrates, faint trace; free ammonia, 0.004 gr.; albuminoid ammonia, trace.
" ..	" 20 ..	"	"	Organic and volatile matter, 3.08 gr.; sodium-chloride, 4.94 gr.; sodium-sulphates, 0.69 gr.; carbonate of lime, 2.52 gr.; silicates, 1.14 gr.; nitrates, bare trace; free ammonia, 0.004 gr.; albuminoid ammonia, trace.
Engineer of Pumping-station, Lyttelton water-works	" 22 ..	"	"	Organic and volatile matter, 0.84 gr.; sodium-chloride, 1.48 gr.; carbonate of lime, 2.44 gr.; silicates, 1.12 gr.; iron, trace; sulphates, trace; free ammonia, 0.024 gr.; albuminoid ammonia, 0.01 gr. This is a very good water, and as it contains very little mineral matter, as much water as possible should be obtained from this source, so as to reduce the amount of salt in the total water-supply.

A. A. BICKERTON, Colonial Analyst.

OTAGO.

SIR,—

University Laboratory, Dunedin, 22nd May, 1906.

I have the honour to forward herewith my return of analyses for the Department of Public Health for the year ending the 31st March last.

I have no remarks to offer on the year's work in this laboratory except to say that the quality of the milk has improved all round since the standard of butter-fat was raised to 3 per cent.

I have, &c.,

JAMES G. BLACK,

Analyst to Public Health Department.

The Chief Officer, Department of Public Health.