

RETURN OF ANALYSES. (Analytical Laboratory, Christchurch.)—continued.

Department or Person from whom Sample received.	Nature of Sample.	Date received.	Adulteration suspected, or for what analysed.	Result.
Health ..	Water from Kurow well	1907. Sept. 13 ..	Purity ..	Volatile and organic matter, 2.24; sodium-chloride, 1.6; calcium-carb., 2.57; sulphates, trace; silicates, 0.56; iron, trace; free ammonia, 0.005; album. ammonia, trace.
Police ..	Empty bottle supposed to have contained ec-bolic drugs	" 21 ..	Identification of contents	Contained only a little growing mould.
" ..	Pills	" 21 ..	Ingredients ..	Aloes, sulphate of iron, black hellebore, cotton-root bark, and scented with oils of pennyroyal and tansy. Each pill weighed from 4.5 gr. to 5 gr.
" ..	Solution	" 21 ..	" ..	A strong solution of quinine in acidified water, and a little herbal matter, magnesia, and peppermint.
Customs ..	Acetic acid	" 23 ..	Tariff ..	58.4 per cent. acetic acid.
" ..	"	" 23 ..	" ..	58.3 " "
" ..	Vinegar-extract ..	" 23 ..	" ..	79.1 " "
" ..	Concentrated vinegar ..	" 23 ..	" ..	50.2 " "
" ..	"	Oct. 2 ..	" ..	79.9 " "
Health ..	Sewage, septic tank at C. Wilson's residence, Cashmere	"	Impurities ..	Total solids, 110; sodium-chloride, 10.2; free ammonia, 2.5; album. ammonia, 0.4; oxygen absorbed, 13.8; nitrates, nil. Smell fairly bad.
Police ..	Beer (temperance) ..	" 14 ..	Alcohol ..	2.45 per cent. absolute alcohol by weight = 5.39 per cent. proof-spirit.
" ..	"	" 14 ..	" ..	2.57 per cent. absolute alcohol by weight = 5.65 per cent. proof-spirit.
" ..	Porter	" 14 ..	" ..	2.74 per cent. absolute alcohol by weight = 6.022 per cent. proof-spirit.
" ..	Beer	" 14 ..	" ..	2.45 per cent. absolute alcohol by weight = 5.39 per cent. proof-spirit.
" ..	Porter	" 14 ..	" ..	2.79 per cent. absolute alcohol by weight = 6.13 per cent. proof-spirit.
" ..	Beer	" 14 ..	" ..	2.62 per cent. absolute alcohol by weight = 5.76 per cent. proof-spirit.
" ..	Campaign ale (temperance)	" 14 ..	" ..	2.74 per cent. absolute alcohol by weight = 6.02 per cent. proof-spirit.
Customs ..	Cone vinegar-essence ..	" 21 ..	Tariff ..	80.5 per cent. acetic acid.
Health ..	Water, No. 11 London Street, Richmond	" 21 ..	Purity ..	Organic and volatile matter, 1.4 gr.; sodium-chloride, 0.69; lime, 0.71; silicates, 0.74; iron, trace; nitrates, bare trace; sulphates, trace (parts per million); free ammonia, 0.05; album. ammonia, 0.03. The water was slightly discoloured and stagnant through standing in the well.
Customs ..	Acetic acid	" 24 ..	Tariff ..	58.9 per cent. acetic acid.
Health ..	Water, Springfield Hotel	" 25 ..	Purity ..	Volatile and organic matters, 2.24 gr.; sodium-chloride, 0.56; lime, 0.56; sulphates, trace; iron, trace; silicates, 1.12 (parts per million); free ammonia, 0.06; album. ammonia, 0.02.
" ..	" Darfield Station	" 25 ..	" ..	Volatile and organic matter, 0.7 gr.; sodium-chloride, 0.45; lime, 0.81; silicates, 1.68; sulphates, trace (parts per million); free ammonia, 0.02; album. ammonia, 0.007. Water requires filtering.
Customs ..	Acetic acid	"	Tariff ..	58 per cent. acetic acid.
Police, Kaikoura	Wheat	" 30 ..	Poison ..	Contained strychnine.
" ..	Wheat from swan ..	" 30 ..	" ..	"
Customs ..	Acetic acid	" 29 ..	Tariff ..	58.6 per cent. acetic acid.
" ..	"	" 29 ..	" ..	59.8 " "
Health ..	Sewage, Oamaru Hospital septic tanks	Nov.	Purity ..	Total solids, 72; sodium-chloride, 13.1; free ammonia, 0.5; album. ammonia, 0.5; oxygen absorbed in four hours, 3.4. Smell, bad. Colour, cloudy.
" ..	Sewage, C. Wilson, Esq., septic tank, Cashmere	July 12 ..	" ..	Total solids, 60; sodium-chloride, 9.2; free ammonia, 3.3; album. ammonia, 0.1; oxygen absorbed, 1.4; nitrates, bare trace. Smell, nil. Appearance, clear.
" ..	Ditto	Oct. 10 ..	" ..	Total solids, 66; sodium-chloride, 9.3; free ammonia, 1.2; album. ammonia, trace; oxygen absorbed, 2.7; nitrates, bare trace. Smell, nil. Appearance, clear.
Customs ..	Acetic acid	Nov. 13 ..	Tariff ..	59 per cent. acetic acid.
" ..	"	" 13 ..	" ..	58.6 " "
Police ..	Hop-beer	Dec. 11 ..	Alcohol ..	Absolute alcohol (by weight), 3.02 per cent., equal to 6.63 per cent. proof-spirit. Extract, 2.29 per cent. Vendor fined for selling without a license.
Health ..	Water, Cheviot ..	" 10 ..	Purity ..	Volatile and organic matter, 12.04; sodium-chloride, 17.33; lime and magnesia, 12.16; nitrates, 0.81; sulphates, 0.5; silica, 0.56; iron, trace; phosphates, bare trace; free ammonia, 0.12; album. ammonia, 0.03. Deposit on standing. Water not safe.
" ..	" Akaroa	" 6 ..	" ..	Volatile and organic matter, 1.96; sodium-chloride, 2.99; sodium-sulphates, 0.09; lime, 0.84; silicates, 1.24; iron, trace; nitrates, bare trace; free ammonia, 0.02; album. ammonia, 0.005.
" ..	"	" 6 ..	" ..	The same as above.
Customs ..	Acetic acid	" 13 ..	Tariff ..	58.62 per cent. acetic acid.
" ..	"	" 20 ..	" ..	60.6 " "