CAWTHRON

Laboratory Report

Certificate of Analysis: Amended

Cawthron Contract Number: 14735

Project Number: S50207

Will Ryan
c/- Counter Mail,
Chief Post Office
NELSON

Email Recipients: Will Ryan
Project Comment: No limits for these metals are specified in the NZ Drinking Water Standards, 2008.

Sample Details

Laboratory ID: S50207-1 **Sample Type:** Water **Date Sampled:** 07/06/2010
Description: Rain Water **Date Received:** 16/06/2010 16:30

Analysis	Result	Units	Guideline Value	Maximum Allowable Value	Method
Aluminium	0.046	g/m³	0.10	-	APHA 21stEdn 3120B Acid Preserved. ICP-OES
Barium	0.004	g/m³			APHA 21stEdn 3120B Acid Preserved. ICP-OES
Strontium	0.0033	g/m³			APHA 21stEdn 3120B Acid Preserved. ICP-OES

Results apply to samples as received

Our routine detection limits for chemical testing relate to samples with a clean matrix.
Reported detection limits may be higher for individual samples if there is insufficient sample or the matrix is complex.

< means less than, > means greater than

Values as specified in Ministry of Health "Drinking Water Standards for NZ, 2008".
Guideline Value is the concentration for aesthetic significance, that if exceeded may render the water unattractive to consumers.
Maximum Allowable Value is the concentration below which the determinand does not result in any significant health risk to a consumer over a lifetime of consumption.

Results in bold indicates an exceedence of the NZ drinking water guidelines value for aesthetic and/ or health significance.
Results not in bold indicate that these parameters fall within the NZ drinking water guidelines for acceptable drinking water.

Where no value is listed then none is specified in the standards. These tests are of use in assessing the water character.

Date Generated: 30/6/10

Reason for Amendment: #768 & NCR T833: Aluminium required on the report at the request of Will Ryan.

Previous Report Number: 340777

This laboratory is accredited by IANZ
Unless specified all tests reported herein have been performed in accordance with the laboratory's scope of registration.

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Report Number: 341530
Project Number: S50207
V15.12

Authorised by: David Lewis (LAS)

Position: Senior Technician, Environmental Laboratory

Signature:

Comments

Aluminium	High levels may result in deposition or discoloration.

Comments listed in this report are outside the scope of Cawthron's IANZ accreditation. Cawthron takes no responsibility for the correctness of values as specified in the Drinking Water Standards.

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