



ANALYSIS REPORT

Client: Herbex Limited	Lab No: 1555060	SPV1
Contact: Gerhard Stemmler	Date Registered: 21-Mar-2016	
C/- Herbex Limited	Date Reported: 01-Apr-2016	
PO Box 516	Quote No: 51670	
LAUTOKA	Order No:	
FIJI	Client Reference: GOODNONI	
	Submitted By: Gerhard Stemmler	

Sample Type: Fruit (juice)

Sample Name:	Lab Number:				
Noni Juice Batch 236	1555060.1				
Aerobic Plate Count 35°C	cfu / g	< 10 #1	-	-	-
Escherichia coli	MPN / g	< 3	-	-	-
Staphylococcus aureus	cfu / g	< 10	-	-	-
Yeasts	cfu / g	< 50 #1	-	-	-
Moulds	cfu / g	< 50 #1	-	-	-
Yeasts & Moulds	cfu / g	< 50	-	-	-
Salmonella*	per 25g	Not Detected	-	-	-
Shigella*	per 25g	Not Detected	-	-	-

Analyst's Comments

#1 Statistically estimated count based on the theoretical countable range for the stated method.

Appendix No.1 - Cawthron Subcontracted Report re Job 1555060

SUMMARY OF METHODS

The following table(s) gives a brief description of the methods used to conduct the analyses for this job. The detection limits given below are those attainable in a relatively clean matrix. Detection limits may be higher for individual samples should insufficient sample be available, or if the matrix requires that dilutions be performed during analysis.

Sample Type: Fruit (juice)

Test	Method Description	Default Detection Limit	Sample No
Aerobic Plate Count 35°C	Count on APC Petrifilm, Incubated at 35°C for 48 hours. Analysed at Hill Laboratories - Microbiology; 101C Waterloo Road, Christchurch. APHA 7.72 4 th Ed.	10 cfu / g	1
Escherichia coli	MPN count in LT Broth at 35°C for 48 hours, TBX Confirmation. Analysed at Hill Laboratories - Microbiology; 101C Waterloo Road, Christchurch. APHA 8.91, 8.92, 8.93 (modified) 4 th Ed.	3 MPN / g	1
Staphylococcus aureus	Spread plate, Count on Baird Parker agar, Incubated at 35-37°C for 45-48 hours, Confirmation. Analysed at Hill Laboratories - Microbiology; 101C Waterloo Road, Christchurch. APHA 39.5 4 th Ed, FDA BAM 12.	10 cfu / g	1
Yeasts & Moulds	Spread plate, Count on DRBC agar, Incubated at 22-25°C for 5 days. Analysed at Hill Laboratories - Microbiology; 101C Waterloo Road, Christchurch. APHA 20.51 4 th Ed.	50 cfu / g	1
Salmonella*	Detection of Salmonella by qualitative real-time PCR. Analysis performed at Hill Laboratories - Microbiology, 101C Waterloo Road, Christchurch.	-	1
Shigella (Subcontracted)*	Subcontracted to Cawthron Institute, Nelson. Compendium 4 th Ed. 2001.	-	1



These samples were collected by yourselves (or your agent) and analysed as received at the laboratory.

Samples are held at the laboratory after reporting for a length of time depending on the preservation used and the stability of the analytes being tested. Once the storage period is completed the samples are discarded unless otherwise advised by the client.

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A handwritten signature in blue ink, appearing to read "Jill Martin". The signature is fluid and cursive, with a long, sweeping underline that extends to the left.

Jill Martin BSc Grad Dip LT
Laboratory Technician - Microbiology



Cawthron Analytical Services:
Ensuring Integrity Through Analytical Excellence.

Certificate of Analysis: Final

Cawthron Contract Number: 13069

Project Number: T68092

Hill Laboratories
P.O. Box 16607
Hornby
CHRISTCHURCH 8441

Attention: Barbara Muller

Customer Ref: 155 5060
Email Recipients: Barbara Muller, Natalia Leatua
Date Project Started: 29/03/2016 11:26

Sample Details

Laboratory ID: T68092-1 **Sample Type:** Product
Description: Noni Juice **Date Received:** 26/03/2016 10:50
Customer ID: Batch 236/ 155 5060

Analysis	Result	Units	Method
Shigella	Not Detected	per 25g	Compendium 5th Edn 2015

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

Date Generated: 31/3/16

Authorised by: Mark Englefield
Position: Section Head, Microbiology Laboratory

Signature: 



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Project Number: T68092
V18.21
SL:M

Unless otherwise specified, all tests reported herein have been performed in accordance with the laboratory's scope of registration.