



# ANALYSIS REPORT

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<b>Client:</b>	Herbex Limited	<b>Lab No:</b>	1555062	SPV1
<b>Contact:</b>	Gerhard Stemmler C/- Herbex Limited PO Box 516 LAUTOKA FIJI	<b>Date Registered:</b>	21-Mar-2016	
		<b>Date Reported:</b>	08-Apr-2016	
		<b>Quote No:</b>	51670	
		<b>Order No:</b>		
		<b>Client Reference:</b>	GOODNONI	
		<b>Add. Client Ref:</b>	Noni Juice Batch 236	
		<b>Submitted By:</b>	Gerhard Stemmler	

## Sample Type: Fruit (juice)

	Sample Name:	Noni Juice Batch				
		236				
	Lab Number:	1555062.1				
Patulin	mg/kg as rcvd	< 0.010	-	-	-	-
Antimony	mg/kg as rcvd	< 0.010	-	-	-	-
Arsenic	mg/kg as rcvd	< 0.010	-	-	-	-
Bismuth	mg/kg as rcvd	< 0.0010	-	-	-	-
Cadmium	mg/kg as rcvd	0.0006	-	-	-	-
Copper	mg/kg as rcvd	0.120	-	-	-	-
Lead	mg/kg as rcvd	0.0019	-	-	-	-
Mercury	mg/kg as rcvd	< 0.0010	-	-	-	-
Silver	mg/kg as rcvd	< 0.0010	-	-	-	-
Tin	mg/kg as rcvd	< 0.005	-	-	-	-
Total Heavy Metals	mg/kg as rcvd	0.14	-	-	-	-

## Analyst's Comments

Appendix No.1 - Subcontracted results

# 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
Biological Materials Digestion	Nitric and hydrochloric acid micro digestion, filtration. Analysis performed at Hill Laboratories - Food & Bioanalytical Division, Waikato Innovation Park, Ruakura Lane, Hamilton.	-	1
Patulin	Solvent extraction, SPE cleanup, LC-MS/MS analysis. Subcontracted test,ASUREQuality, Wellington.	0.010 mg/kg as rcvd	1
Antimony	Biological materials digestion, ICP-MS.	0.010 mg/kg as rcvd	1
Arsenic	Biological materials digestion, ICP-MS.	0.010 mg/kg as rcvd	1
Bismuth	Biological materials digestion, ICP-MS.	0.0010 mg/kg as rcvd	1
Cadmium	Biological materials digestion, ICP-MS.	0.0002 mg/kg as rcvd	1
Copper	Biological materials digestion, ICP-MS.	0.005 mg/kg as rcvd	1
Lead	Biological materials digestion, ICP-MS.	0.0010 mg/kg as rcvd	1
Mercury	Biological materials digestion, ICP-MS.	0.0010 mg/kg as rcvd	1
Silver	Biological materials digestion, ICP-MS.	0.0010 mg/kg as rcvd	1
Tin	Biological materials digestion, ICP-MS.	0.005 mg/kg as rcvd	1
Total Heavy Metals	Calculation: sum of individual metals (antimony, arsenic, bismuth, cadmium, copper, lead, mercury, silver, tin). Heavy Metals Test (as lead sulfide), Food Chemicals Codex 4 <sup>th</sup> Edition, 1996 (modified - ICP-MS analysis).	0.10 mg/kg as rcvd	1