



## ANALYSIS REPORT

<b>Client:</b>	NZ Blackcurrant Cooperative	<b>Lab No:</b>	612429	TMPv1
<b>Contact:</b>	NZ Blackcurrant Cooperative 17 Bullen Street, Tahunanui P O Box 4012 NELSON	<b>Date Registered:</b>	11-Jul-2007	
		<b>Date Reported:</b>	18-Jul-2007	
		<b>Quote No:</b>	30543	
		<b>Order No:</b>		
		<b>Client Reference:</b>		
		<b>Submitted By:</b>	NZ Blackcurrant Cooperative	

### Sample Type: Fresh Foods

	Sample Name:	NZ Blackcurrant- Ben Ard - 25-Jun-2007	NZ Blackcurrant- Ben Rua - 25-Jun-2007	Canadian Blueberry - 25-Jun-2007	Swedish Billberry - 25-Jun-2007	European Billberry - 25-Jun-2007
	Lab Number:	612429.1	612429.2	612429.3	612429.4	612429.5
Calcium	mg/kg as rcvd	310	280	75	210	160
Magnesium	mg/kg as rcvd	130	150	58	80	77
Potassium	mg/kg as rcvd	2800	2400	910	910	990
Sodium	mg/kg as rcvd	< 10	< 10	< 10	< 10	< 10
Phosphorus	mg/kg as rcvd	400	470	120	180	160
Copper	mg/kg as rcvd	0.97	0.66	0.42	0.65	0.74
Iron	mg/kg as rcvd	3.3	4.5	3.0	2.7	3.6
Manganese	mg/kg as rcvd	1.7	1.7	4.6	47	17
Zinc	mg/kg as rcvd	3.8	1.7	0.81	1.3	1.4

### No Analyst's Comments

## 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: Fresh Foods

Test	Method Description	Default Detection Limit	Samples
Homogenise	Mincing, chopping, or blending of sample to form homogenous sample fraction. AOAC 17th Edition	-	1-5
Biological Materials Digestion	Nitric and hydrochloric acid micro digestion, 85°C for 1 hour.	-	1-5
Calcium	Biological materials digestion, ICP-OES.	0.40 mg/kg as rcvd	1-5
Magnesium	Biological materials digestion, ICP-OES.	0.40 mg/kg as rcvd	1-5
Potassium	Biological materials digestion, ICP-OES.	2.0 mg/kg as rcvd	1-5
Sodium	Biological materials digestion, ICP-OES.	10 mg/kg as rcvd	1-5
Phosphorus	Biological materials digestion, ICP-OES.	2.0 mg/kg as rcvd	1-5
Copper	Biological materials digestion, ICP-MS.	0.010 mg/kg as rcvd	1-5
Iron	Biological materials digestion, ICP-OES.	0.20 mg/kg as rcvd	1-5
Manganese	Biological materials digestion, ICP-MS.	0.010 mg/kg as rcvd	1-5
Zinc	Biological materials digestion, ICP-MS.	0.020 mg/kg as rcvd	1-5

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 'Mark Bryant', is positioned above the printed name.

Mark Bryant, NZCS (Chemistry)  
Senior Technologist - Environmental Inorganics