



ANALYSIS REPORT

Client:	Roots Shoots & Fruits Limited	Lab No:	1477646	POPv1
Contact:	M Callaghan 6 Wairua Road Rocky Bay WAIHEKE ISLAND 1081	Date Registered:	18-Sep-2015	
		Date Reported:	01-Oct-2015	
		Quote No:		
		Order No:		
		Client Reference:	Molly 11092015	
		Submitted By:	M Callaghan	

Sample Type: Fertilisers (liquid)					
Sample Name:	K Forte	Synergizer	Phoscare		
Lab Number:	1477646.1	1477646.2	1477646.3		
Amino Alcohols in Formulations					
Analytes Detected:	None	None	None		

Please refer to the detection limits table for the list of analytes screened and their detection limits.

Sample Type: Chemical Formulation					
Sample Name:	Mobilizer				
Lab Number:	1477646.4				
Amino Alcohols in Formulations					
Analytes Detected:	None				

Please refer to the detection limits table for the list of analytes screened and their detection limits.

Sample Type: Chemical Formulation (dry)					
Sample Name:	Biomin Calcium	Biomin Magnesium	Biomin Booster V	Biomin Zinc	Biomin Boron
Lab Number:	1477646.5	1477646.6	1477646.7	1477646.8	1477646.9
Amino Alcohols in Formulations					
Analytes Detected:	None	None	None	None	None

Please refer to the detection limits table for the list of analytes screened and their detection limits.

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: Fertilisers (liquid)			
Test	Method Description	Default Detection Limit	Sample No
Amino Alcohols in Formulations*	Acetonitrile extraction, SPE cleanup, dilution. Analysis by LC-MS/MS. Analysis performed at Hill Laboratories - Food & Bioanalytical Division, Waikato Innovation Park, Ruakura Lane, Hamilton.	5 - 10 mg/kg	1-9

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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Shaun Clay BSc
Section Manager - Food and Bioanalytical Division



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Detection Limits

Analytes	Detection Limit
Amino Alcohols in Formulations	
2-Amino-2-methyl-1-propanol*	5 mg/kg
Diethanolamine*	5 mg/kg
N,N-Diethylethanolamine*	5 mg/kg
N,N-Dimethylethanolamine*	5 mg/kg
3-Methoxypropylamine*	5 mg/kg
1-Methoxy-2-propylamine*	5 mg/kg
Monoethanolamine*	10 mg/kg
Morpholine*	5 mg/kg
Triethanolamine*	5 mg/kg