



ANALYSIS REPORT

Client: Advanced Media Supplies Limited	Lab No: 1245107 shpv1
Address: PO Box 751 NAPIER 4140	Date Registered: 07-Mar-2014
	Date Reported: 10-Mar-2014
	Quote No:
	Order No:
Phone: 06 835 6612	Client Reference:
	Submitted By: Advanced Media Supplies Lir

Sample Name: 0 - 12 Wk 42 **Lab Number:** 1245107.2
Sample Type: MEDIA General (M1)

Analysis	Level Found	Medium Range	Low	Medium	High
pH	pH Units	5.0	5.2 - 6.5		
Electrical Conductivity (EC)	mS/cm	0.1	0.5 - 1.8		
Nitrate-N	mg/L	1	20 - 80		
Ammonium-N	mg/L	2	1 - 20		
Phosphorus	mg/L	3	5 - 20		
Potassium	mg/L	23	20 - 80		
Sulphur	mg/L	< 1			
Calcium	mg/L	4	30 - 70		
Magnesium	mg/L	< 1	7 - 25		
Sodium	mg/L	7	5 - 40		

The above nutrient graph compares the levels found with reference interpretation levels. NOTE: It is important that the correct sample type be assigned, and that the recommended sampling procedure has been followed. R J Hill Laboratories Limited does not accept any responsibility for the resulting use of this information. IANZ Accreditation does not apply to comments and interpretations, i.e. the 'Range Levels' and subsequent graphs.



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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: Media			
Test	Method Description	Default Detection Limit	Sample No
Sample Registration*	Samples were registered according to instructions received.	-	1-2
pH	1:1.5 (v/v) Water extraction followed by potentiometric pH determination.	0.1 pH Units	1-2
Electrical Conductivity	1:1.5 (v/v) Water extraction followed by potentiometric conductivity determination (25°C).	0.1 mS/cm	1-2
Nitrate-N	1:1.5 (v/v) Water extraction followed by Salicylate colorimetry.	1 mg/L	1-2
Ammonium-N	1:1.5 (v/v) Water extraction followed by Berthelot colorimetry.	1 mg/L	1-2
Phosphorus	1:1.5 (v/v) Water extraction followed by ICP-OES.	1 mg/L	1-2
Sulphur	1:1.5 (v/v) Water extraction followed by ICP-OES.	1 mg/L	1-2
Potassium	1:1.5 (v/v) Water extraction followed by ICP-OES.	1 mg/L	1-2
Calcium	1:1.5 (v/v) Water extraction followed by ICP-OES.	1 mg/L	1-2
Magnesium	1:1.5 (v/v) Water extraction followed by ICP-OES.	1 mg/L	1-2
Sodium	1:1.5 (v/v) Water extraction followed by ICP-OES.	1 mg/L	1-2

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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Shelley Edhouse
Quality Assurance Officer - Agriculture Division