

Attention: Derek Stem

Dynamic Greens Wheatgrass Ltd.
 16128 9th Line
 Stouffville, ON
 CANADA L4A 7X4

Report Date: 2009/11/27

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A9F4607

Received: 2009/11/16, 16:21

Sample Matrix: FOOD
 # Samples Received: 1

Analyses	Quantity	Date		Laboratory Method	Method Reference
		Extracted	Analyzed		
Total Metals Analysis in Food by ICP	1	2009/11/20	2009/11/23	CAM SOP-00408	AOAC 985.01 (mod.)
Ash	1	N/A	2009/11/20	CAM SOP-00713	AOAC 923.03
Beta-Carotene	1	2009/11/24	2009/11/26	CAM SOP-00709	AOAC 992.04 mod.
Calories	1	N/A	2009/11/27	CAM WI-00708	Calculation
Carbohydrates	1	N/A	2009/11/27	CAM WI-00708	Calculation
Cholesterol	1	2009/11/23	2009/11/23	CAM SOP-00700	AOAC 976.26/994.1
Density	1	N/A	2009/11/24		AOAC 932.14, 936.13
Fatty Acid Profile by GC/FID \emptyset	1	2009/11/23	2009/11/25	CAM SOP-00702	AOAC 996.06
KJ	1	N/A	2009/11/27	CAM WI-00708	Calculation
Moisture	1	N/A	2009/11/20	CAM SOP-00715	AOAC methodology
Protein	1	N/A	2009/11/20	CAM SOP-00711	AOAC 992.15
Retinol	1	2009/11/24	2009/11/25	CAM SOP-00709	AOAC 992.04 992.06
Sugar Profile \emptyset	1	2009/11/23	2009/11/23	CAM SOP-00708	AOAC 980.13
Total Dietary Fibre	1	N/A	2009/11/24	CAM SOP-00707	AOAC 991.43, 985.29
Vitamin A IU/100g	1	2009/11/16	2009/11/26	CAM SOP-00709	AOAC 992.04, 992.06
Vitamin A RE/100g	1	2009/11/16	2009/11/26	CAM SOP-00709	AOAC 992.04, 992.06
Total Sugars \emptyset	1	2009/11/16	2009/11/24	CAM SOP-00708	AOAC 980.13
Vitamin C (Ascorbic Acid)	1	2009/11/20	2009/11/23	CAM SOP-00724	CFIA/QFCL-001-01 mod

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) "Note: Total fatty acids and individual fatty acids are expressed as the triglycerides. Summed fatty acid groups are expressed as the fatty acids"

(2) Glucose result reported represents a total of both the D- and L- isomers.

(3) The result reported for Total Sugars is a calculated value based on the sum of glucose, fructose, lactose, sucrose and maltose only.

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CERTIFICATE OF ANALYSIS

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Encryption Key



Sandro Olivieri

30 Nov 2009 09:53:41 -05:00

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

SANDRO OLIVIERI, Food Customer Service
Email: sandro.olivieri@maxxamanalytics.com
Phone# (905) 817-5700

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 2

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RESULTS OF ANALYSES OF FOOD

Maxxam ID		EJ1653	
Sampling Date			
	Units	WHEATGRASS JUICE	RDL

Nutritional Parameters			
Density	g/mL	1.0172	N/A
KJ	/100g	85	1
Ash	g/100g	1.1	0.1
Calories	/100g	20	1
Protein	g/100g	2.47	0.10
Fat (GC/FID)	g/100g	0.130	0.001
Saturated Fatty Acids	g/100g	0.033	0.001
cis-Monounsaturated Fatty Acids	g/100g	0.013	0.001
cis-Polyunsaturated Fatty Acids	g/100g	0.077	0.001
Trans-Fatty Acids	g/100g	<0.001	0.001
Omega-3 Polyunsaturated Fatty Acids	g/100g	0.065	0.001
Omega-6 Polyunsaturated Fatty Acids	g/100g	0.012	0.001
Carbohydrates	g/100g	2.3	0.1
Total Dietary Fibre	g/100g	0.3	0.1
Total Sugars	g/100g	0.7	0.4
Fructose	g/100g	0.3	0.1
Glucose	g/100g	0.4	0.2
Sucrose	g/100g	ND	0.3
Maltose	g/100g	ND	0.4
Lactose	g/100g	ND	0.4
Cholesterol	mg/100g	ND	1
Moisture	g/100g	94.0	0.1
Vitamin A	IU/100g	4300	1
Vitamin A	RE/100g	430	1
Retinol	ug/100g	ND	1
Beta Carotene	ug/100g	2560	100
Vitamin C	mg/100g	9.8	0.5
ND = Not detected RDL = Reportable Detection Limit			

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ELEMENTS BY ATOMIC SPECTROSCOPY (FOOD)

Maxxam ID		EJ1653	
Sampling Date			
	Units	WHEATGRASS	RDL
		JUICE	

Metals			
Calcium (Ca)	ug/g	630	10
Iron (Fe)	ug/g	10	2
Potassium (K)	ug/g	5400	100
Sodium (Na)	ug/g	ND	50

ND = Not detected
 RDL = Reportable Detection Limit

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GENERAL COMMENTS

Results relate only to the items tested.

Validation Signature Page

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The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



FRANCE CHO, Ph.D., Senior Scientific Specialist



HELEN WEIDINGER, Scientific Specialist

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