



Rocky Mountain Grain
299614 AB Ltd
Box 550
Lethbridge AB T1J 3Z4

Report of Analysis

Date: October 06, 2010
File No.: 1201-104210-1


WE HAVE ANALYZED the herein described submitted sample and report as follows:

DESCRIPTION : Hemp Seed; Hemp Hearts Sample
SAMPLE RECEIVED : September 21, 2010

ANALYSIS:

<u>TESTS</u>	<u>METHOD REFERENCE</u>	<u>RESULTS</u>
Energy	(03-01-SLM-FD-0022)	611 Cal/100g
Energy	(03-01-SLM-FD-0022)	2556 KJ/100g
Protein (N X 6.25)	(03-01-SLM-FD-0005)	31.0 g/100g
Fat	(03-01-SLM-FD-0058)	51.0 g/100g
Calories from Fat	(03-01-SLM-FD-0022)	459 Cal/100g
Saturated Fat	(03-01-SLM-FD-0058)	5.7 g/100g
Monounsaturated Fat	(03-01-SLM-FD-0058)	7.1 g/100g
Polyunsaturated fat	(03-01-SLM-FD-0058)	38.2 g/100g
Trans Fat	(03-01-SLM-FD-0058)	<0.1 g/100g
Cholesterol	(03-01-SLM-FD-0028)	<1 mg/100g
Carbohydrates	(03-01-SLM-FD-0021)	7.0 g/100g
Total Sugar	(03-01-SLM-FD-0050)	2.4 g/100g
Total Dietary Fibre	(03-01-SLM-FD-0002)	4.0 g/100g
Sodium	(03-01-SLM-FD-0015)	<0.1 mg/100g
Calcium	(03-01-SLM-FD-0015)	70.5 mg/100g
Iron	(03-01-SLM-FD-0015)	14.3 mg/100g
Moisture	(03-01-SLM-FD-0009)	5.0 g/100g
Ash	(03-01-SLM-FD-0001)	6.0 g/100g
Vitamin A	(03-01-SLM-VM-0002 & -0028)	<10 IU/100g
Vitamin A	(03-01-SLM-VM-0002 & -0028)	<10 RE/100g
Beta Carotene	(03-01-SLM-VM-0002 & -0028)	<10 IU/100g
Vitamin C	(03-01-SLM-VM-0029)	<1 mg/100g
Thiamine Hydrochloride	(03-01-SLM-VM-0024)	2.2 mg/100g
Riboflavin (Vit B2)	(03-01-SLM-VM-0023)	0.82 mg/100g
Pyridoxine	(USP 24)	0.60 mg/100g
Niacin	(03-01-SLM-VM-0021)	2.2 mg/100g
Folic Acid	(USP 24)	<0.02 mg/100g

SGS Canada Inc.


Kaiser Turabek
Chemist

KT/sp

[CR-201ROA100-20040624]

The reported results relate only to items tested.

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Rocky Mountain Grain
299614 AB Ltd
Box 550
Lethbridge AB T1J 3Z4

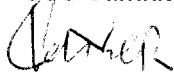
Report of Analysis

Date: October 06, 2010

File No.: 1201-104210-1

Pantothenic Acid (Vit B5)	(03-01-SLM-VM-0020)	<0.02 mg/100g
Cyanocobalamin B12	(03-01-SLM-VM-0018)	<2 ug/100g
Biotin	(USP 24)	<0.02 mg/100g
Vitamin D3	(JAOAC 75 (5): 812 - 815, 1992)	<10 IU/100g
Vitamin E	([J.Sci.Fd.Agr.,Vol.29,pg 697-702])	<10 IU/100g
Ag	(EPA 3052/200.8)	<0.01 ug/g
Al	(EPA 3052/200.8)	3 ug/g
Ba	(EPA 3052/200.8)	0.54 ug/g
Bi	(EPA 3052/200.8)	<0.09 ug/g
Ca	(EPA 3052/200.8)	1000 ug/g
Co	(EPA 3052/200.8)	0.04 ug/g
Cr	(EPA 3052/200.8)	<0.5 ug/g
Cu	(EPA 3052/200.8)	15 ug/g
Fe	(EPA 3052/200.8)	139 ug/g
K	(EPA 3052/200.8)	9300 ug/g
Mg	(EPA 3052/200.8)	6100 ug/g
Mn	(EPA 3052/200.8)	88 ug/g
Mo	(EPA 3052/200.8)	2.3 ug/g
Na	(EPA 3052/200.8)	25 ug/g
Ni	(EPA 3052/200.8)	1.3 ug/g
P	(EPA 3052/200.8)	17000 ug/g
Sb	(EPA 3052/200.8)	<0.8 ug/g
Sr	(EPA 3052/200.8)	0.50 ug/g
Ti	(EPA 3052/200.8)	0.2 ug/g
U	(EPA 3052/200.8)	<0.002 ug/g
V	(EPA 3052/200.8)	<3 ug/g
Zn	(EPA 3052/200.8)	91 ug/g
Aspartic Acid	(JAOAC 69:1105-1106 & Science Tools 32(2))	2.22 %
Threonine	(JAOAC 69:1105-1106 & Science Tools 32(2))	1.31 %
Serine	(JAOAC 69:1105-1106 & Science Tools 32(2))	1.21 %
Glutamic Acid	(JAOAC 69:1105-1106 & Science Tools 32(2))	5.90 %
Proline	(JAOAC 69:1105-1106 & Science Tools 32(2))	2.03 %
Glycine	(JAOAC 69:1105-1106 & Science Tools 32(2))	1.51 %
Alanine	(JAOAC 69:1105-1106 & Science Tools 32(2))	1.38 %

SGS Canada Inc.



Kaiser Turabek
Chemist

KT/sp

[CR-201ROA100-20040624]

The reported results relate only to items tested.

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Rocky Mountain Grain
299614 AB Ltd
Box 550
Lethbridge AB T1J 3Z4

Report of Analysis

Date: October 06, 2010

File No.: 1201-104210-1


Cystine	(JAOAC 69:1105-1106 & Science Tools 32(2))	0.49 %
Valine	(JAOAC 69:1105-1106 & Science Tools 32(2))	1.37 %
Methionine	(JAOAC 69:1105-1106 & Science Tools 32(2))	0.48 %
Isoleucine	(JAOAC 69:1105-1106 & Science Tools 32(2))	1.08 %
Leucine	(JAOAC 69:1105-1106 & Science Tools 32(2))	2.17 %
Tyrosine	(JAOAC 69:1105-1106 & Science Tools 32(2))	0.76 %
Phenylalanine	(JAOAC 69:1105-1106 & Science Tools 32(2))	1.16 %
Histidine	(JAOAC 69:1105-1106 & Science Tools 32(2))	0.80 %
Lysine	(JAOAC 69:1105-1106 & Science Tools 32(2))	1.83 %
Ammonia	(JAOAC 69:1105-1106 & Science Tools 32(2))	0.57 %
Arginine	(JAOAC 69:1105-1106 & Science Tools 32(2))	1.74 %
Tryptophan	(JAOAC 69:1105-1106 & Science Tools 32(2))	0.34 %
Arsenic (As)	(EPA 3052)	<0.5 ppm
Cadmium (Cd)	(EPA 3052)	<0.1 ppm
Mercury (Hg)	(EPA 3052)	<0.1 ppm
Lead (Pb)	(EPA 3052)	<0.1 ppm

REMARKS

< denotes none detected followed by the detection limit.

Amino Acids results determined by third party Lab.

SGS Canada Inc.



Kaiser Turabek
Chemist

KT/sp

[CR-201ROA100-20040624]

The reported results relate only to items tested.

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.