

REPORT NO.
C24264-35037
ACCOUNT NUMBER
01007

A&L CANADA LABORATORIES INC.

2136 Jetstream Rd, London, ON, N5V 3P5 Tel (519) 457-2575 Fax: (519) 457-2664



TO:WETASKIWIN CO-OP ASSOCIATION
4707-40 AVE
WETASKIWIN, AB T9A 2B8
CANADA

FOR:FLEX FARMS

Phone:780-352-9155
Fax:780-352-9114

lot #7



CERTIFICATE OF ANALYSIS

PAGE: 13 / 14

LAB NUMBER:2646108

SAMPLE ID:SAM0243 FRED'S GRAVEL 2ND CUT

SAMPLE MATRIX:Hay

SAMPLE CUT:2nd

TEST CODE:FN1WM

DATE SAMPLED:2024-09-19

DATE RECEIVED:2024-09-20

DATE REPORTED:

DATE PRINTED:2024-09-25

PARAMETER	RESULTS		UNIT	METHOD
	AS FED	DRY		
DRY MATTER				
Moisture	10.04	0.00	%	AOAC 930.15
Dry Matter	89.96	100.00	%	Calculation
PROTEIN				
Crude Protein	13.87	15.42	%	NIR
Soluble Crude Protein	35.68	35.68	% of CP	NIR
ADF-CP	1.25	1.39	%	NIR
NDF-CP	3.36	3.74	%	NIR
UIP (Bypass Protein)	36.75	36.75	Est % CP	NIR
FIBRES				
Acid Detergent Fibre	33.66	37.42	%	NIR
Neutral Detergent Fibre	41.49	46.12	%	NIR
Lignin	5.32	5.91	%	NIR
ENERGY				
Total Digestible Nutrients (Weiss)	57.53	63.95	%	Calculation
NE Lactation	1.21	1.35	MCal/Kg	Calculation
Net Energy Lactation (Weiss)	1.30	1.45	MCal/Kg	Calculation
NE Gain	0.65	0.72	MCal/Kg	Calculation
Net Energy Gain (Weiss)	0.66	0.73	MCal/Kg	Calculation
NE Maintenance	1.30	1.45	MCal/Kg	Calculation
Net Energy Maintenance (Weiss)	1.17	1.30	MCal/Kg	Calculation
MINERALS				
Calcium	1.17	1.30	%	AGR-G-004 *
Chloride	0.26	0.29	%	NIR
Copper	5.62	6.25	ug/g	AGR-G-004 *
Phosphorus	0.19	0.21	%	AGR-G-004 *
Potassium	1.60	1.78	%	AGR-G-004 *
Sulphur	0.15	0.17	%	AGR-G-004 *
Magnesium	0.18	0.20	%	AGR-G-004 *
Zinc	20	21.74	ug/g	AGR-G-004 *
Iron	114	127.26	ug/g	AGR-G-004 *
Manganese	34	37.97	ug/g	AGR-G-004 *
Sodium	0.05	0.06	%	AGR-G-004 *
OTHER				
Starch	1.91	2.12	%	NIR
Total Ash	7.86	8.74	%	NIR

* - accredited test

BDL - Not Detected



C24264-35037

A&L Canada Laboratories Inc. is accredited by the Standards Council of Canada for specific tests as listed on www.scc.ca and by the Canadian Association for Laboratory Accreditation as listed on www.cala.ca

Additional information available upon request

This Certificate of Analysis has been prepared for use by the Recipient only. Possession of this Certificate of Analysis, does not carry with it the right to reproduction or publication in whole or in part nor may it be used by anyone other than the Recipient without the prior written consent and approval of A & L Canada Laboratories Inc. ("A&L Canada"). Upon receipt of this Certificate of Analysis by the Recipient from A&L Canada, A&L Canada shall not be responsible for and no claim shall be advanced against A&L Canada as a result of the unauthorized reproduction, use or distribution of this Certificate of Analysis.

Results Authorized By: R. Pielt
Ron Pielt, Feed & Forages Specialist

REPORT NO.
C24264-35037

ACCOUNT NUMBER
01007

A&L CANADA LABORATORIES INC.

2136 Jetstream Rd, London, ON, N5V 3P5 Tel (519) 457-2575 Fax: (519) 457-2664



TO: WETASKIWIN CO-OP ASSOCIATION
4707-40 AVE
WETASKIWIN, AB T9A 2B8
CANADA

FOR: FLEX FARMS

Phone: 780-352-9155
Fax: 780-352-9114

CERTIFICATE OF ANALYSIS

PAGE: 14 / 14

LAB NUMBER: 2646108

SAMPLE ID: SAM0243 FRED'S GRAVEL 2ND CUT

SAMPLE MATRIX: Hay

SAMPLE CUT: 2nd

TEST CODE: FN1WM

DATE SAMPLED: 2024-09-19

DATE RECEIVED: 2024-09-20

DATE REPORTED:

DATE PRINTED: 2024-09-25

PARAMETER	RESULTS		UNIT	METHOD
	AS FED	DRY		
Crude Fat	1.87	2.08	%	NIR
Nitrate-Nitrogen (NO3-N)	507.37	564	ppm	Wet Chemistry
NFC	24.86	27.64	%	Calculation
Molybdenum	0.47	0.52	ug/g	AGR-G-004 *
Relative Feed Value	120.51	120.51		Calculation

* - accredited test

BDL - Not Detected



C24264-35037

The results of this report relate to the sample submitted and analyzed. All results are released based on acceptable QC data.

Results Authorized By: R. J. Piatt
Ron Piatt, Feed & Forages Specialist

A&L Canada Laboratories Inc. is accredited by the Standards Council of Canada for specific tests as listed on www.scc.ca and by the Canadian Association for Laboratory Accreditation as listed on www.cula.ca

Additional information available upon request

This Certificate of Analysis has been prepared for use by the Recipient only. Possession of this Certificate of Analysis does not carry with it the right to reproduction or publication in whole or in part, nor may it be used by anyone other than the Recipient without the prior written consent and approval of A&L Canada Laboratories Inc. ("A&L Canada"). Upon receipt of this Certificate of Analysis by the Recipient from A&L Canada, A&L Canada shall not be responsible for and no claim shall be advanced against A&L Canada as a result of the unauthorized reproduction, use or distribution of this Certificate of Analysis.