

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
Phone: 780-352-9155
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FOR: FLEX FARMS

Lot #2



CERTIFICATE OF ANALYSIS

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LAB NUMBER: 2646103
SAMPLE ID: SAM0238 RICH LAKE FIELD
SAMPLE MATRIX: Hay
SAMPLE CUT:
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	5.88	0.00	%	AOAC 930.15
Dry Matter	94.12	100.00	%	Calculation
PROTEIN				
Crude Protein	10.11	10.74	%	NIR
Soluble Crude Protein	36.07	36.07	% of CP	NIR
ADF-CP	1.19	1.26	%	NIR
NDF-CP	3.22	3.42	%	NIR
UIP (Bypass Protein)	36.53	36.53	Est % CP	NIR
FIBRES				
Acid Detergent Fibre	38.33	40.72	%	NIR
Neutral Detergent Fibre	51.67	54.90	%	NIR
Lignin	6.24	6.63	%	NIR
ENERGY				
Total Digestible Nutrients (Weiss)	57.51	61.10	%	Calculation
NE Lactation	1.21	1.29	MCal/Kg	Calculation
Net Energy Lactation (Weiss)	1.30	1.38	MCal/Kg	Calculation
NE Gain	0.61	0.65	MCal/Kg	Calculation
Net Energy Gain (Weiss)	0.61	0.65	MCal/Kg	Calculation
NE Maintenance	1.29	1.37	MCal/Kg	Calculation
Net Energy Maintenance (Weiss)	1.15	1.22	MCal/Kg	Calculation
MINERALS				
Calcium	0.81	0.86	%	AGR-G-004 *
Chloride	0.24	0.26	%	NIR
Copper	3.16	3.36	ug/g	AGR-G-004 *
Phosphorus	0.15	0.16	%	AGR-G-004 *
Potassium	1.07	1.14	%	AGR-G-004 *
Sulphur	0.08	0.08	%	AGR-G-004 *
Magnesium	0.17	0.18	%	AGR-G-004 *
Zinc	16	17.08	ug/g	AGR-G-004 *
Iron	74	78.42	ug/g	AGR-G-004 *
Manganese	32	33.51	ug/g	AGR-G-004 *
Sodium	0.01	0.01	%	AGR-G-004 *
OTHER				
Starch	2.24	2.38	%	NIR
Total Ash	7.25	7.70	%	NIR

* - 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:
Ron Pielt, Feed & Forages Specialist

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	AS FED	DRY		
Crude Fat	1.81	1.92	%	NIR
Nitrate-Nitrogen (NO3-N)	5.31	5.64	ppm	Wet Chemistry
NFC	23.29	24.74	%	Calculation
Molybdenum	2.76	2.93	ug/g	AGR-G-004 *
Relative Feed Value	96.89	96.89		Calculation

* - accredited test

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

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