

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
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lot # 6

CERTIFICATE OF ANALYSIS

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LAB NUMBER: 2646107
SAMPLE ID: SAM0242 FRED BEEHIVE
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	9.48	0.00	%	AOAC 930.15
Dry Matter	90.52	100.00	%	Calculation
PROTEIN				
Crude Protein	11.33	12.52	%	NIR
Soluble Crude Protein	35.99	35.99	% of CP	NIR
ADF-CP	0.96	1.06	%	NIR
NDF-CP	2.96	3.27	%	NIR
UIP (Bypass Protein)	36.58	36.58	Est % CP	NIR
FIBRES				
Acid Detergent Fibre	32.28	35.66	%	NIR
Neutral Detergent Fibre	43.21	47.74	%	NIR
Lignin	4.68	5.17	%	NIR
ENERGY				
Total Digestible Nutrients (Weiss)	60.04	66.33	%	Calculation
NE Lactation	1.25	1.38	MCal/Kg	Calculation
Net Energy Lactation (Weiss)	1.37	1.51	MCal/Kg	Calculation
NE Gain	0.69	0.76	MCal/Kg	Calculation
Net Energy Gain (Weiss)	0.70	0.77	MCal/Kg	Calculation
NE Maintenance	1.35	1.49	MCal/Kg	Calculation
Net Energy Maintenance (Weiss)	1.22	1.35	MCal/Kg	Calculation
MINERALS				
Calcium	1.15	1.27	%	AGR-G-004 *
Chloride	0.24	0.26	%	NIR
Copper	5.51	6.09	ug/g	AGR-G-004 *
Phosphorus	0.16	0.18	%	AGR-G-004 *
Potassium	1.22	1.35	%	AGR-G-004 *
Sulphur	0.09	0.10	%	AGR-G-004 *
Magnesium	0.23	0.25	%	AGR-G-004 *
Zinc	26	29.23	ug/g	AGR-G-004 *
Iron	86	94.89	ug/g	AGR-G-004 *
Manganese	57	62.43	ug/g	AGR-G-004 *
Sodium	0.04	0.04	%	AGR-G-004 *
OTHER				
Starch	2.32	2.56	%	NIR
Total Ash	7.74	8.55	%	NIR

* - accredited test
BDL - Not Detected



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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	1.98	2.19	%	NIR
Nitrate-Nitrogen (NO3-N)	22.09	24.4	ppm	Wet Chemistry
NFC	26.25	29.00	%	Calculation
Molybdenum	1.76	1.94	ug/g	AGR-G-004 *
Relative Feed Value	119.09	119.09		Calculation

* - accredited test

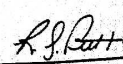
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