

REPORT NO.
C24264-35038
ACCOUNT NUMBER
01007

A&L CANADA LABORATORIES INC.

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



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4707-40 AVE
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CANADA
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FOR: JEREMIAH

lot # 8



CERTIFICATE OF ANALYSIS

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LAB NUMBER: 2646109
SAMPLE ID: SAM0244 EAST CENTRAL HAY
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	8.28	0.00	%	AOAC 930.15
Dry Matter	91.72	100.00	%	Calculation
PROTEIN				
Crude Protein	12.11	13.20	%	NIR
Soluble Crude Protein	35.68	35.68	% of CP	NIR
ADF-CP	1.27	1.38	%	NIR
NDF-CP	3.25	3.54	%	NIR
UIP (Bypass Protein)	36.75	36.75	Est % CP	NIR
FIBRES				
Acid Detergent Fibre	36.87	40.20	%	NIR
Neutral Detergent Fibre	48.42	52.79	%	NIR
Lignin	6.17	6.73	%	NIR
ENERGY				
Total Digestible Nutrients (Weiss)	54.85	59.80	%	Calculation
NE Lactation	1.19	1.30	MCal/Kg	Calculation
Net Energy Lactation (Weiss)	1.24	1.35	MCal/Kg	Calculation
NE Gain	0.61	0.66	MCal/Kg	Calculation
Net Energy Gain (Weiss)	0.61	0.66	MCal/Kg	Calculation
NE Maintenance	1.27	1.38	MCal/Kg	Calculation
Net Energy Maintenance (Weiss)	1.13	1.23	MCal/Kg	Calculation
MINERALS				
Calcium	1.02	1.11	%	AGR-G-004 *
Chloride	0.23	0.25	%	NIR
Copper	5.60	6.11	ug/g	AGR-G-004 *
Phosphorus	0.17	0.18	%	AGR-G-004 *
Potassium	1.39	1.52	%	AGR-G-004 *
Sulphur	0.13	0.14	%	AGR-G-004 *
Magnesium	0.15	0.16	%	AGR-G-004 *
Zinc	18	19.63	ug/g	AGR-G-004 *
Iron	236	257.57	ug/g	AGR-G-004 *
Manganese	19	20.55	ug/g	AGR-G-004 *
Sodium	0.03	0.03	%	AGR-G-004 *
OTHER				
Starch	1.87	2.04	%	NIR
Total Ash	7.47	8.14	%	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.

Additional information available upon request

Results Authorized By:
Ron Pielt, Feed & Forages Specialist

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	AS FED	DRY		
Crude Fat	1.65	1.80	%	NIR
Nitrate-Nitrogen (NO3-N)	72.64	79.2	ppm	Wet Chemistry
NFC	22.08	24.07	%	Calculation
Molybdenum	1.43	1.56	ug/g	AGR-G-004 *
Relative Feed Value	101.46	101.46		Calculation

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