

REPORT NO.
C24264-35038

ACCOUNT NUMBER
01007

A&L CANADA LABORATORIES INC.

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

FOR: JEREMIAH

Phone: 780-352-9155
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lot # 12

CERTIFICATE OF ANALYSIS

PAGE: 9 / 10

LAB NUMBER: 2646113

SAMPLE ID: SAM0248 ATCO

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	6.98	0.00	%	AOAC 930.15
Dry Matter	93.02	100.00	%	Calculation
PROTEIN				
Crude Protein	11.44	12.30	%	NIR
Soluble Crude Protein	35.81	35.81	% of CP	NIR
ADF-CP	1.30	1.40	%	NIR
NDF-CP	3.20	3.44	%	NIR
UIP (Bypass Protein)	36.68	36.68	Est % CP	NIR
FIBRES				
Acid Detergent Fibre	39.30	42.25	%	NIR
Neutral Detergent Fibre	48.14	51.75	%	NIR
Lignin	7.49	8.05	%	NIR
ENERGY				
Total Digestible Nutrients (Weiss)	55.06	59.19	%	Calculation
NE Lactation	1.17	1.26	MCal/Kg	Calculation
Net Energy Lactation (Weiss)	1.24	1.33	MCal/Kg	Calculation
NE Gain	0.58	0.62	MCal/Kg	Calculation
Net Energy Gain (Weiss)	0.57	0.61	MCal/Kg	Calculation
NE Maintenance	1.25	1.34	MCal/Kg	Calculation
Net Energy Maintenance (Weiss)	1.09	1.17	MCal/Kg	Calculation
MINERALS				
Calcium	0.95	1.02	%	AGR-G-004 *
Chloride	0.23	0.25	%	NIR
Copper	6.19	6.65	ug/g	AGR-G-004 *
Phosphorus	0.14	0.15	%	AGR-G-004 *
Potassium	1.40	1.50	%	AGR-G-004 *
Sulphur	0.10	0.11	%	AGR-G-004 *
Magnesium	0.13	0.14	%	AGR-G-004 *
Zinc	15	16.32	ug/g	AGR-G-004 *
Iron	333	357.73	ug/g	AGR-G-004 *
Manganese	23	24.65	ug/g	AGR-G-004 *
Sodium	0.02	0.02	%	AGR-G-004 *
OTHER				
Starch	2.16	2.32	%	NIR
Total Ash	7.32	7.87	%	NIR

* - accredited test

BDL - Not Detected



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Results Authorized By:
Ron Pielt, Feed & Forages Specialist

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	AS FED	DRY		
Crude Fat	1.56	1.68	%	NIR
Nitrate-Nitrogen (NO3-N)	43.53	46.8	ppm	Wet Chemistry
NFC	24.56	26.40	%	Calculation
Molybdenum	1.63	1.75	ug/g	AGR-G-004 *
Relative Feed Value	100.64	100.64		Calculation

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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.

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