

REPORT NO.  
C23069-30001

# A&L CANADA LABORATORIES INC.



ACCOUNT NUMBER  
01541

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

TO: MAD BARN INC  
38 MEADOWCLIFF PLACE  
PETERBURG, ON N0B 2H0

FOR: THE OHIO STATE UNIVERSITY

Phone: 519-546-1795  
Fax: 833-623-2276

## CERTIFICATE OF ANALYSIS

PAGE: 67 / 72

LAB NUMBER: 693035

SAMPLE ID: 34

SAMPLE MATRIX: Pelleted Feed

SAMPLE CUT:

TEST CODE: FMB1

DATE SAMPLED: 2023-02-01

DATE RECEIVED: 2023-03-10

DATE REPORTED: 2023-03-20

DATE PRINTED: 2023-03-20

PARAMETER	RESULTS		UNIT	METHOD
	AS FED	DRY		
<b>DRY MATTER</b>				
Moisture	10.30	0.00	%	AOAC 930.15
Dry Matter	89.70	100.00	%	Calculation
<b>PROTEIN</b>				
Crude Protein	23.57	26.28	%	AOAC 990.03
Soluble Crude Protein	22.45	22.45	% of CP	Wet Chemistry
ADF-CP	BDL		%	Wet Chemistry
NDF-CP	1.95	2.17	%	Wet Chemistry
UIP ( Bypass Protein)	38.78	38.78	Est % CP	Wet Chemistry
<b>FIBRES</b>				
Acid Detergent Fibre	11.91	13.28	%	Wet Chemistry
Neutral Detergent Fibre	26.14	29.14	%	Wet Chemistry
Total Digestible Nutrients	70.46	78.55	%	Calculation
Lignin	1.53	1.71	%	Wet Chemistry
<b>ENERGY</b>				
NE Lactation	1.62	1.81	MCal/Kg	Calculation
NE Gain	1.14	1.27	MCal/Kg	Calculation
NE Maintenance	1.79	1.99	MCal/Kg	Calculation
<b>MINERALS</b>				
Calcium	4.05	4.51	%	Wet Chemistry *
Chloride	1.41	1.57	%	ISE
Copper	251.70	280.60	ug/g	Wet Chemistry
Phosphorus	2.01	2.24	%	Wet Chemistry *
Potassium	1.35	1.50	%	Wet Chemistry
Sulphur	0.30	0.33	%	Wet Chemistry *
Magnesium	0.91	1.01	%	Wet Chemistry
Zinc	598.00	666.67	ug/g	Wet Chemistry *
Iron	1040.00	1159.42	ug/g	Wet Chemistry *
Cobalt	2.5	2.75	ug/g	ICP
Manganese	699.50	779.82	ug/g	Wet Chemistry *
Sodium	1.09	1.21	%	Wet Chemistry
<b>CALCULATION</b>				
Relative Feed Value	250.75	250.75		Calculation
<b>OTHER</b>				
Starch	5.78	6.44	%	Wet Chemistry
Crude Fat	2.17	2.42	%	AOCS Am5-04

\* - 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: *R. J. Piett*  
Ron Piett, Feed & Forages Specialist

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ESC (Simple Sugar)	6.30	7.0214	%	Wet Chemistry
Molybdenum	1.97	2.20	ug/g	Wet Chemistry *
Selenium	3.76	4.19	ug/g	EPA 3050/6010 (mod) *
NFC	19	21.39	%	
Ash	18.63	20.77	%	

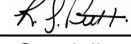
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