

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: 15 / 72

LAB NUMBER: 693009

SAMPLE ID: 8

SAMPLE MATRIX: Pelleted Feed

SAMPLE CUT:

TEST CODE: FMB1

DATE SAMPLED: 2023-01-24

DATE RECEIVED: 2023-03-10

DATE REPORTED: 2023-03-20

DATE PRINTED: 2023-03-20

PARAMETER	RESULTS		UNIT	METHOD
	AS FED	DRY		
DRY MATTER				
Moisture	9.69	0.00	%	AOAC 930.15
Dry Matter	90.31	100.00	%	Calculation
PROTEIN				
Crude Protein	11.24	12.45	%	AOAC 990.03
Soluble Crude Protein	34.06	34.06	% of CP	Wet Chemistry
ADF-CP	0.79	0.88	%	Wet Chemistry
NDF-CP	2.57	2.85	%	Wet Chemistry
UIP (Bypass Protein)	32.97	32.97	Est % CP	Wet Chemistry
FIBRES				
Acid Detergent Fibre	27.07	29.98	%	Wet Chemistry
Neutral Detergent Fibre	44.01	48.73	%	Wet Chemistry
Total Digestible Nutrients	59.20	65.55	%	Calculation
Lignin	2.55	2.82	%	Wet Chemistry
ENERGY				
NE Lactation	1.35	1.49	MCal/Kg	Calculation
NE Gain	0.80	0.89	MCal/Kg	Calculation
NE Maintenance	1.45	1.61	MCal/Kg	Calculation
MINERALS				
Calcium	1.11	1.23	%	Wet Chemistry *
Chloride	0.27	0.30	%	ISE
Copper	62.85	69.59	ug/g	Wet Chemistry
Phosphorus	0.71	0.79	%	Wet Chemistry *
Potassium	1.15	1.27	%	Wet Chemistry
Sulphur	0.15	0.17	%	Wet Chemistry *
Magnesium	0.45	0.50	%	Wet Chemistry
Zinc	208.00	230.32	ug/g	Wet Chemistry *
Iron	355.00	393.09	ug/g	Wet Chemistry *
Cobalt	BDL		ug/g	ICP
Manganese	204.95	226.94	ug/g	Wet Chemistry *
Sodium	0.23	0.26	%	Wet Chemistry
CALCULATION				
Relative Feed Value	125.13	125.13		Calculation
OTHER				
Starch	8.47	9.38	%	Wet Chemistry
Crude Fat	4.67	5.17	%	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)	2.87	3.1769	%	Wet Chemistry
Molybdenum	1.67	1.85	ug/g	Wet Chemistry *
Selenium	BDL		ug/g	EPA 3050/6010 (mod) *
NFC	24	26.10	%	
Ash	6.82	7.55	%	

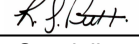
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