

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: 69 / 72

LAB NUMBER: 693036

SAMPLE ID: 35

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		
DRY MATTER				
Moisture	10.20	0.00	%	AOAC 930.15
Dry Matter	89.80	100.00	%	Calculation
PROTEIN				
Crude Protein	12.30	13.70	%	AOAC 990.03
Soluble Crude Protein	32.34	32.34	% of CP	Wet Chemistry
ADF-CP	0.89	0.99	%	Wet Chemistry
NDF-CP	2.82	3.14	%	Wet Chemistry
UIP (Bypass Protein)	33.83	33.83	Est % CP	Wet Chemistry
FIBRES				
Acid Detergent Fibre	31.74	35.35	%	Wet Chemistry
Neutral Detergent Fibre	48.33	53.82	%	Wet Chemistry
Total Digestible Nutrients	55.10	61.36	%	Calculation
Lignin	3.00	3.34	%	Wet Chemistry
ENERGY				
NE Lactation	1.25	1.39	MCal/Kg	Calculation
NE Gain	0.69	0.77	MCal/Kg	Calculation
NE Maintenance	1.34	1.49	MCal/Kg	Calculation
MINERALS				
Calcium	1.00	1.11	%	Wet Chemistry *
Chloride	0.06	0.07	%	ISE
Copper	9.62	10.71	ug/g	Wet Chemistry
Phosphorus	0.42	0.47	%	Wet Chemistry *
Potassium	1.35	1.50	%	Wet Chemistry
Sulphur	0.13	0.14	%	Wet Chemistry *
Magnesium	0.33	0.37	%	Wet Chemistry
Zinc	50.35	56.07	ug/g	Wet Chemistry *
Iron	354.35	394.60	ug/g	Wet Chemistry *
Cobalt	BDL		ug/g	ICP
Manganese	62.50	69.60	ug/g	Wet Chemistry *
Sodium	0.03	0.03	%	Wet Chemistry
CALCULATION				
Relative Feed Value	106.06	106.06		Calculation
OTHER				
Starch	6.12	6.81	%	Wet Chemistry
Crude Fat	2.26	2.52	%	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)	2.74	3.0467	%	Wet Chemistry
Molybdenum	0.55	0.61	ug/g	Wet Chemistry *
Selenium	BDL		ug/g	EPA 3050/6010 (mod) *
NFC	21	23.62	%	
Ash	5.69	6.34	%	

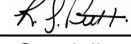
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