

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
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CERTIFICATE OF ANALYSIS

PAGE: 71 / 72

LAB NUMBER: 693037

SAMPLE ID: 36

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	9.85	0.00	%	AOAC 930.15
Dry Matter	90.15	100.00	%	Calculation
PROTEIN				
Crude Protein	30.74	34.10	%	AOAC 990.03
Soluble Crude Protein	39.38	39.38	% of CP	Wet Chemistry
ADF-CP	BDL		%	Wet Chemistry
NDF-CP	3.52	3.90	%	Wet Chemistry
UIP (Bypass Protein)	30.31	30.31	Est % CP	Wet Chemistry
FIBRES				
Acid Detergent Fibre	8.81	9.77	%	Wet Chemistry
Neutral Detergent Fibre	21.55	23.91	%	Wet Chemistry
Total Digestible Nutrients	73.28	81.29	%	Calculation
Lignin	1.63	1.81	%	Wet Chemistry
ENERGY				
NE Lactation	1.69	1.88	MCal/Kg	Calculation
NE Gain	1.22	1.35	MCal/Kg	Calculation
NE Maintenance	1.87	2.07	MCal/Kg	Calculation
MINERALS				
Calcium	2.83	3.14	%	Wet Chemistry *
Chloride	0.68	0.75	%	ISE
Copper	302.15	335.16	ug/g	Wet Chemistry
Phosphorus	1.52	1.69	%	Wet Chemistry *
Potassium	1.58	1.75	%	Wet Chemistry
Sulphur	0.44	0.49	%	Wet Chemistry *
Magnesium	0.41	0.45	%	Wet Chemistry
Zinc	906.00	1004.99	ug/g	Wet Chemistry *
Iron	361.80	401.33	ug/g	Wet Chemistry *
Cobalt	5.8	6.47	ug/g	ICP
Manganese	229.70	254.80	ug/g	Wet Chemistry *
Sodium	0.75	0.83	%	Wet Chemistry
CALCULATION				
Relative Feed Value	316.26	316.26		Calculation
OTHER				
Starch	5.51	6.11	%	Wet Chemistry
Crude Fat	6.14	6.81	%	AOCS Am5-04

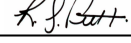
* - accredited test

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: 
Ron Piett, Feed & Forages Specialist

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ESC (Simple Sugar)	9.12	10.1136	%	Wet Chemistry
Molybdenum	8.18	9.07	ug/g	Wet Chemistry *
Selenium	2.27	2.52	ug/g	EPA 3050/6010 (mod) *
NFC	18	19.48	%	
Ash	14.15	15.70	%	

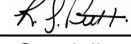
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