

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: 45 / 72

LAB NUMBER: 693024

SAMPLE ID: 23

SAMPLE MATRIX: Pelleted Feed

SAMPLE CUT:

TEST CODE: FMB1

DATE SAMPLED: 2023-01-26

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	11.80	0.00	%	AOAC 930.15
Dry Matter	88.20	100.00	%	Calculation
PROTEIN				
Crude Protein	14.57	16.52	%	AOAC 990.03
Soluble Crude Protein	45.70	45.70	% of CP	Wet Chemistry
ADF-CP	0.74	0.84	%	Wet Chemistry
NDF-CP	1.76	2.00	%	Wet Chemistry
UIP (Bypass Protein)	27.15	27.15	Est % CP	Wet Chemistry
FIBRES				
Acid Detergent Fibre	11.80	13.38	%	Wet Chemistry
Neutral Detergent Fibre	26.16	29.66	%	Wet Chemistry
Total Digestible Nutrients	69.22	78.48	%	Calculation
Lignin	1.65	1.87	%	Wet Chemistry
ENERGY				
NE Lactation	1.60	1.81	MCal/Kg	Calculation
NE Gain	1.12	1.27	MCal/Kg	Calculation
NE Maintenance	1.76	1.99	MCal/Kg	Calculation
MINERALS				
Calcium	0.93	1.06	%	Wet Chemistry *
Chloride	0.44	0.50	%	ISE
Copper	61.50	69.73	ug/g	Wet Chemistry
Phosphorus	0.82	0.93	%	Wet Chemistry *
Potassium	1.08	1.22	%	Wet Chemistry
Sulphur	0.28	0.32	%	Wet Chemistry *
Magnesium	0.39	0.44	%	Wet Chemistry
Zinc	294.90	334.35	ug/g	Wet Chemistry *
Iron	934.51	1059.53	ug/g	Wet Chemistry *
Cobalt	6.8	7.66	ug/g	ICP
Manganese	254.90	289.00	ug/g	Wet Chemistry *
Sodium	0.26	0.30	%	Wet Chemistry
CALCULATION				
Relative Feed Value	246.14	246.14		Calculation
OTHER				
Starch	12.63	14.32	%	Wet Chemistry
Crude Fat	12.74	14.45	%	AOCS Am5-04

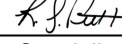
* - accredited test

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)	5.30	6.0045	%	Wet Chemistry
Molybdenum	0.48	0.54	ug/g	Wet Chemistry *
Selenium	BDL		ug/g	EPA 3050/6010 (mod) *
NFC	28	31.62	%	
Ash	6.84	7.75	%	

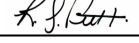
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