

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: 51 / 72

LAB NUMBER: 693027

SAMPLE ID: 26

SAMPLE MATRIX: Pelleted Feed

SAMPLE CUT:

TEST CODE: FMB1

DATE SAMPLED: 2023-01-27

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	10.28	0.00	%	AOAC 930.15
Dry Matter	89.72	100.00	%	Calculation
PROTEIN				
Crude Protein	12.20	13.60	%	AOAC 990.03
Soluble Crude Protein	26.25	26.25	% of CP	Wet Chemistry
ADF-CP	0.64	0.71	%	Wet Chemistry
NDF-CP	2.21	2.46	%	Wet Chemistry
UIP (Bypass Protein)	36.88	36.88	Est % CP	Wet Chemistry
FIBRES				
Acid Detergent Fibre	20.65	23.02	%	Wet Chemistry
Neutral Detergent Fibre	36.92	41.15	%	Wet Chemistry
Total Digestible Nutrients	63.67	70.97	%	Calculation
Lignin	1.69	1.88	%	Wet Chemistry
ENERGY				
NE Lactation	1.45	1.62	MCal/Kg	Calculation
NE Gain	0.94	1.05	MCal/Kg	Calculation
NE Maintenance	1.59	1.77	MCal/Kg	Calculation
MINERALS				
Calcium	1.19	1.33	%	Wet Chemistry *
Chloride	0.27	0.30	%	ISE
Copper	56.45	62.92	ug/g	Wet Chemistry
Phosphorus	0.66	0.74	%	Wet Chemistry *
Potassium	1.04	1.16	%	Wet Chemistry
Sulphur	0.14	0.16	%	Wet Chemistry *
Magnesium	0.42	0.47	%	Wet Chemistry
Zinc	206.65	230.33	ug/g	Wet Chemistry *
Iron	284.35	316.93	ug/g	Wet Chemistry *
Cobalt	BDL		ug/g	ICP
Manganese	216.45	241.25	ug/g	Wet Chemistry *
Sodium	0.21	0.23	%	Wet Chemistry
CALCULATION				
Relative Feed Value	160.43	160.43		Calculation
OTHER				
Starch	9.03	10.06	%	Wet Chemistry
Crude Fat	7.54	8.40	%	AOCS Am5-04

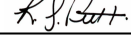
* - accredited test

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)	3.16	3.5271	%	Wet Chemistry
Molybdenum	1.73	1.93	ug/g	Wet Chemistry *
Selenium	BDL		ug/g	EPA 3050/6010 (mod) *
NFC	26	29.30	%	
Ash	6.77	7.55	%	

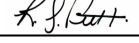
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