

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: 57 / 72

LAB NUMBER: 693030

SAMPLE ID: 29

SAMPLE MATRIX: Pelleted Feed

SAMPLE CUT:

TEST CODE: FMB1

DATE SAMPLED: 2023-01-28

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	11.60	0.00	%	AOAC 930.15
Dry Matter	88.40	100.00	%	Calculation
PROTEIN				
Crude Protein	12.55	14.20	%	AOAC 990.03
Soluble Crude Protein	40.92	40.92	% of CP	Wet Chemistry
ADF-CP	0.57	0.64	%	Wet Chemistry
NDF-CP	1.93	2.18	%	Wet Chemistry
UIP (Bypass Protein)	29.54	29.54	Est % CP	Wet Chemistry
FIBRES				
Acid Detergent Fibre	15.42	17.44	%	Wet Chemistry
Neutral Detergent Fibre	31.37	35.49	%	Wet Chemistry
Total Digestible Nutrients	66.57	75.31	%	Calculation
Lignin	2.27	2.57	%	Wet Chemistry
ENERGY				
NE Lactation	1.53	1.73	MCal/Kg	Calculation
NE Gain	1.04	1.18	MCal/Kg	Calculation
NE Maintenance	1.68	1.90	MCal/Kg	Calculation
MINERALS				
Calcium	1.13	1.28	%	Wet Chemistry *
Chloride	0.45	0.51	%	ISE
Copper	61.65	69.74	ug/g	Wet Chemistry
Phosphorus	0.76	0.86	%	Wet Chemistry *
Potassium	1.21	1.37	%	Wet Chemistry
Sulphur	0.27	0.30	%	Wet Chemistry *
Magnesium	0.34	0.39	%	Wet Chemistry
Zinc	282.20	319.23	ug/g	Wet Chemistry *
Iron	364.60	412.44	ug/g	Wet Chemistry *
Cobalt	BDL		ug/g	ICP
Manganese	203.00	229.64	ug/g	Wet Chemistry *
Sodium	0.42	0.48	%	Wet Chemistry
CALCULATION				
Relative Feed Value	197.40	197.40		Calculation
OTHER				
Starch	13.48	15.25	%	Wet Chemistry
Crude Fat	5.22	5.91	%	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)	5.01	5.6642	%	Wet Chemistry
Molybdenum	2.52	2.85	ug/g	Wet Chemistry *
Selenium	1.11	1.26	ug/g	EPA 3050/6010 (mod) *
NFC	32	36.31	%	
Ash	7.15	8.09	%	

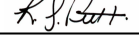
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