

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: 1 / 72

LAB NUMBER: 693002

SAMPLE ID: 1

SAMPLE MATRIX: Pelleted Feed

SAMPLE CUT:

TEST CODE: FMB1

DATE SAMPLED: 2023-01-21

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	10.01	0.00	%	AOAC 930.15
Dry Matter	89.99	100.00	%	Calculation
PROTEIN				
Crude Protein	30.88	34.32	%	AOAC 990.03
Soluble Crude Protein	26.14	26.14	% of CP	Wet Chemistry
ADF-CP	BDL		%	Wet Chemistry
NDF-CP	1.49	1.66	%	Wet Chemistry
UIP (Bypass Protein)	36.93	36.93	Est % CP	Wet Chemistry
FIBRES				
Acid Detergent Fibre	7.79	8.66	%	Wet Chemistry
Neutral Detergent Fibre	19.55	21.72	%	Wet Chemistry
Total Digestible Nutrients	73.93	82.15	%	Calculation
Lignin	1.22	1.36	%	Wet Chemistry
ENERGY				
NE Lactation	1.71	1.90	MCal/Kg	Calculation
NE Gain	1.24	1.38	MCal/Kg	Calculation
NE Maintenance	1.89	2.10	MCal/Kg	Calculation
MINERALS				
Calcium	2.71	3.01	%	Wet Chemistry *
Chloride	1.06	1.18	%	ISE
Copper	205.60	228.47	ug/g	Wet Chemistry
Phosphorus	1.55	1.72	%	Wet Chemistry *
Potassium	1.30	1.44	%	Wet Chemistry
Sulphur	0.54	0.60	%	Wet Chemistry *
Magnesium	1.47	1.63	%	Wet Chemistry
Zinc	762.49	847.31	ug/g	Wet Chemistry *
Iron	1458.99	1621.28	ug/g	Wet Chemistry *
Cobalt	10.9	12.11	ug/g	ICP
Manganese	519.00	576.73	ug/g	Wet Chemistry *
Sodium	0.63	0.70	%	Wet Chemistry
CALCULATION				
Relative Feed Value	351.84	351.84		Calculation
OTHER				
Starch	7.50	8.33	%	Wet Chemistry
Crude Fat	2.35	2.61	%	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)	6.48	7.2003	%	Wet Chemistry
Molybdenum	3.48	3.87	ug/g	Wet Chemistry *
Selenium	2.26	2.51	ug/g	EPA 3050/6010 (mod) *
NFC	21	23.64	%	
Ash	15.94	17.71	%	

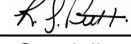
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