

REPORT NO.
C24039-30005

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: 15 / 28

LAB NUMBER: 393025

SAMPLE ID: #44-D&D NUTRITION MAGNIFY HF

SAMPLE MATRIX: Pelleted Feed

SAMPLE CUT:

TEST CODE: FMB1

DATE SAMPLED:

DATE RECEIVED: 2024-02-08

DATE REPORTED: 2024-02-15

DATE PRINTED: 2024-03-05

PARAMETER	RESULTS		UNIT	METHOD
	AS FED	DRY		
DRY MATTER				
Moisture	10.12	0.00	%	AOAC 930.15
Dry Matter	89.88	100.00	%	Calculation
PROTEIN				
Crude Protein	17.1	18.98	%	AGR-G-002*
Soluble Crude Protein	35.35	35.35	% of CP	Wet Chemistry
ADF-CP	1.02	1.14	%	Wet Chemistry
NDF-CP	1.94	2.16	%	Wet Chemistry
UIP (Bypass Protein)	32.32	32.32	Est % CP	Wet Chemistry
FIBRES				
Acid Detergent Fibre	19.13	21.28	%	Wet Chemistry
Neutral Detergent Fibre	26.84	29.86	%	Wet Chemistry
Total Digestible Nutrients	65.00	72.32	%	Calculation
Lignin	3.59	3.99	%	Wet Chemistry
ENERGY				
NE Lactation	1.49	1.66	MCal/Kg	Calculation
NE Gain	0.98	1.09	MCal/Kg	Calculation
NE Maintenance	1.63	1.81	MCal/Kg	Calculation
MINERALS				
Calcium	1.20	1.34	%	AGR-G-004 *
Chloride	0.64	0.71	%	ISE
Copper	13.15	14.63	ug/g	AGR-G-004*
Phosphorus	0.85	0.95	%	AGR-G-004 *
Potassium	1.64	1.82	%	AGR-G-004*
Sulphur	0.21	0.23	%	AGR-G-004 *
Magnesium	0.41	0.46	%	AGR-G-004*
Zinc	48	53.39	ug/g	AGR-G-004 *
Iron	232	258.04	ug/g	AGR-G-004 *
Cobalt	BDL		ug/g	AGR-G-004*
Manganese	115	127.82	ug/g	AGR-G-004 *
Sodium	0.35	0.39	%	AGR-G-004*
CALCULATION				
Relative Feed Value	225.30	225.30		Calculation
OTHER				
Starch	12.14	13.51	%	Wet Chemistry
Crude Fat	6.89	7.67	%	AOCS Am5-04
ESC (Simple Sugar)	3.69	4.11	%	Wet Chemistry
Molybdenum	1.32	1.47	ug/g	AGR-G-004 *
Selenium	1.14	1.27	ug/g	EPA 3050B/6010 (mod) *
NFC	29	32.46	%	

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PARAMETER	RESULTS		UNIT	METHOD
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Ash	9.91	11.03	%	

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