

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: 21 / 28

LAB NUMBER: 393028

SAMPLE ID: #47-KER-LAKON MILLING-EQUIDYNE

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		
<b>DRY MATTER</b>				
Moisture	6.45	0.00	%	AOAC 930.15
Dry Matter	93.55	100.00	%	Calculation
<b>PROTEIN</b>				
Crude Protein	17.5	18.71	%	AGR-G-002*
Soluble Crude Protein	31.32	31.32	% of CP	Wet Chemistry
ADF-CP	1.20	1.28	%	Wet Chemistry
NDF-CP	1.18	1.26	%	Wet Chemistry
UIP ( Bypass Protein)	34.34	34.34	Est % CP	Wet Chemistry
<b>FIBRES</b>				
Acid Detergent Fibre	25.91	27.70	%	Wet Chemistry
Neutral Detergent Fibre	32.05	34.26	%	Wet Chemistry
Total Digestible Nutrients	62.98	67.32	%	Calculation
Lignin	4.58	4.90	%	Wet Chemistry
<b>ENERGY</b>				
NE Lactation	1.43	1.53	MCal/Kg	Calculation
NE Gain	0.88	0.94	MCal/Kg	Calculation
NE Maintenance	1.56	1.67	MCal/Kg	Calculation
<b>MINERALS</b>				
Calcium	1.21	1.29	%	AGR-G-004 *
Chloride	0.66	0.71	%	ISE
Copper	7.80	8.34	ug/g	AGR-G-004*
Phosphorus	0.19	0.20	%	AGR-G-004 *
Potassium	2.17	2.32	%	AGR-G-004*
Sulphur	0.26	0.28	%	AGR-G-004 *
Magnesium	0.17	0.18	%	AGR-G-004*
Zinc	23	24.39	ug/g	AGR-G-004 *
Iron	200	213.75	ug/g	AGR-G-004 *
Cobalt	BDL		ug/g	AGR-G-004*
Manganese	31	32.66	ug/g	AGR-G-004 *
Sodium	0.17	0.18	%	AGR-G-004*
<b>CALCULATION</b>				
Relative Feed Value	182.79	182.79		Calculation
<b>OTHER</b>				
Starch	9.88	10.56	%	Wet Chemistry
Crude Fat	1.80	1.92	%	AOCS Am5-04
ESC (Simple Sugar)	5.11	5.46	%	Wet Chemistry
Molybdenum	1.91	2.04	ug/g	AGR-G-004 *
Selenium	BDL		ug/g	EPA 3050B/6010 (mod) *
NFC	33	35.46	%	

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PARAMETER	RESULTS		UNIT	METHOD
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Ash	9.03	9.65	%	

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