



Feed Analytical Report

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Legal Alfalfa Products Ltd.
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Report ID: CA22-F-FEB7-008

Lab Sample ID: F22-001545

Sample Number: 2

Customer Name:

Feed Consultant: Connie Hazenberg

Sample Description: Timothy Alfalfa Cubes

Feed Type:

Analysis: NIR + Wet Chem Minerals

Received Date: February 07, 2022

Printed Date: February 16, 2022

	As Fed	Dry Basis
Moisture (% As Fed)	8.1	
Dry Matter (% As Fed)	91.9	
Crude Protein (%)	12.8	13.9
Available Protein (%)	11.3	12.3
ADICP (%)	1.5	1.6
Adjusted Crude Protein (%)	12.2	13.3
Soluble Protein (% CP)		40
Degradable Protein (% CP)		75
NDICP (%)	3.0	3.3
Acid Detergent Fiber (%)	36.5	39.7
Neutral Detergent Fiber (%)	49.2	53.5
Lignin (%)	6.2	6.8
NFC (%)	25.3	26.5
Starch (%)	1.0	1.0
Water Soluble Carbs. (WSC) (%)	8.3	9.0
Simple Sugars (ESC) (%)	5.5	6.0
Crude Fat (%)	1.7	1.9
Total Fatty Acids (%)	1.13	1.23
RUFAL (%)	0.73	0.79
Ash (%)	6.89	7.50
TDN (%)	52	57
NEL (mcal/kg)	1.11	1.21
NEM (mcal/kg)	1.03	1.13
NEG (mcal/kg)	0.52	0.57
Calcium (%)	1.39	1.52
Phosphorus (%)	0.17	0.19
Magnesium (%)	0.22	0.24
Potassium (%)	1.75	1.90
Sodium (%)	0.04	0.04
Sulfur (%)	0.19	0.21
Chloride Ion (%)	0.27	0.29
Iron (ppm)	169	184
Zinc (ppm)	17	19
Copper (ppm)	6	6
Manganese (ppm)	24	26
Molybdenum (ppm)	1.3	1.5
kd % hr		2.19
IVTD 30hr (% of DM)		64
NDFD 30hr (% of NDF)		32
Relative Forage Quality (30 hr)		98
Relative Feed Value		101
Horse DE (mcal/kg)	2.04	2.23
Selenium (ppm)	< 0.1	0.1
Cobalt (ppm)	< 0.1	0.1

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Results Approved By:

Carolyn Fraser, Manager of Agriculture Services