



Feed Analytical Report

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Legal Alfalfa Products Ltd.
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Report ID: CA22-F-MAY20-030

Lab Sample ID: F22-006617

Sample Number: 1

Customer Name:

Feed Consultant: Connie Hazenberg

Sample Description: Alfalfa Cubes

Feed Type:

Analysis: Wet Chemistry

Received Date: May 20, 2022

Printed Date: May 31, 2022

	As Fed	Dry Basis
Moisture (% As Fed)	11.3	
Dry Matter (% As Fed)	88.7	
Crude Protein (%)	15.1	17.1
Available Protein (%)	13.6	15.3
ADICP (%)	1.6	1.8
Adjusted Crude Protein (%)	14.5	16.3
Soluble Protein (% CP)		41
Degradable Protein (% CP)		74
NDICP (%)	3.8	4.3
Acid Detergent Fiber (%)	30.3	34.2
Neutral Detergent Fiber (%)	41.9	47.2
Lignin (%)	6.4	7.2
NFC (%)	26.2	28.3
Starch (%)	0.8	0.8
Water Soluble Carbs. (WSC) (%)	7.3	8.3
Simple Sugars (ESC) (%)	5.2	5.8
Crude Fat (%)	1.8	2.0
Total Fatty Acids (%)	1.01	1.14
RUFAL (%)	0.57	0.64
Ash (%)	8.67	9.77
TDN (%)	50	57
NEL (mcal/kg)	1.11	1.25
NEM (mcal/kg)	1.01	1.13
NEG (mcal/kg)	0.51	0.57
Calcium (%)	1.70	1.92
Phosphorus (%)	0.19	0.21
Magnesium (%)	0.24	0.27
Potassium (%)	1.67	1.88
Sodium (%)	0.04	0.04
Sulfur (%)	0.21	0.24
Chloride Ion (%)	0.19	0.21
Iron (ppm)	295	332
Zinc (ppm)	20	23
Copper (ppm)	6	7
Manganese (ppm)	42	47
Molybdenum (ppm)	1.1	1.3
kd % hr		3.06
IVTD 30hr (% of DM)		70
NDFD 30hr (% of NDF)		37
Relative Forage Quality (30 hr)		122
Relative Feed Value		123
Horse DE (mcal/kg)	2.02	2.28
Selenium (ppm)	< 0.1	0.1
Cobalt (ppm)	0.2	0.2

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Results Approved By:

Carolyn Fraser, Manager of Agriculture Services