

Feed Analytical Report



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Legal Alfalfa Products Ltd. Box 480 Legal, Alberta TOG 1L0

Report ID:

CA22-F-MAY20-030

Lab Sample ID:

F22-006617

Sample Number:

Customer Name:

Feed Consultant:

Connie Hazenberg

Sample Description: Alfalfa Cubes

Feed Type:

Analysis:

Wet Chemistry

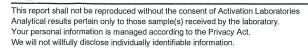
Received Date:

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 | |



Results Approved By:

