

Account No. : 31810

NIR Analysis Report

LYTLE, RUSTY  
22801 JENSEN RD  
WALL SD 57790

Invoice No. : 1381427  
Date Received : 09/09/2022  
Date Reported : 09/13/2022

Lab Number : 10597

Results For : RUSTY LYTLE  
Sample ID : 1ST CUT 714  
Description : ALFALFA

	Analysis As Received	Analysis Dry Basis
Moisture, %	11.68	0.00
Dry Matter, %	88.32	100.00
<b>PROTEIN</b>		
Crude Protein, %	19.9	22.5
<b>FIBERS</b>		
Acid Detergent Fiber, %	22.5	25.4
Neutral Detergent Fiber, %	26.8	30.4
NDFD (digestibility) 48 hr, % of NDF		53
IVTDMD (in vitro true digestibility) 48 hr, %	73.8	83.6
<b>ENERGIES</b>		
TDN Est., %	55.9	63.3
Net Energy Lact, MCal/lb	0.5730	0.6488
Net Energy Maint, MCal/lb	0.5690	0.6442
Net Energy Gain, MCal/lb	0.3351	0.3794
<b>QUALITY VALUE</b>		
Relative Feed Value		212
Relative Forage Quality		231
<b>MINERALS</b>		
Calcium, % Ca	1.02	1.15
Phosphorus, % P	0.25	0.28
Potassium, % K	2.42	2.74
Magnesium, % Mg	0.28	0.32
Ash, %	7.99	9.05
<b>OTHER ANALYSIS</b>		
Fat, %	1.4	1.6
Starch, %	0.4	0.4
Lignin, %	5.74	6.50
Non Fiber Carbohydrates, %	34.0	38.5
Ethanol-Soluble Carbohydrates, %	7.0	7.9
Water-Soluble Carbohydrates, %	9.3	10.5

Reviewed By : Rebecca Kern

9/13/2022

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Page 1 of 1