

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 : 10594

Results For : RUSTY LYTLE
Sample ID : #1 3RD CUT 286
Description : ALFALFA

	Analysis As Received	Analysis Dry Basis
Moisture, %	10.88	0.00
Dry Matter, %	89.12	100.00
PROTEIN		
Crude Protein, %	19.4	21.8
FIBERS		
Acid Detergent Fiber, %	22.3	25.0
Neutral Detergent Fiber, %	26.5	29.8
NDFD (digestibility) 48 hr, % of NDF		53
IVTDMD (in vitro true digestibility) 48 hr, %	73.7	82.8
ENERGIES		
TDN Est., %	56.7	63.6
Net Energy Lact, MCal/lb	0.5814	0.6524
Net Energy Maint, MCal/lb	0.5783	0.6489
Net Energy Gain, MCal/lb	0.3419	0.3836
QUALITY VALUE		
Relative Feed Value		217
Relative Forage Quality		232
MINERALS		
Calcium, % Ca	1.02	1.14
Phosphorus, % P	0.24	0.27
Potassium, % K	2.63	2.95
Magnesium, % Mg	0.29	0.33
Ash, %	9.54	10.70
OTHER ANALYSIS		
Fat, %	1.4	1.6
Starch, %	1.3	1.4
Lignin, %	5.61	6.29
Non Fiber Carbohydrates, %	34.0	38.1
Ethanol-Soluble Carbohydrates, %	6.6	7.4
Water-Soluble Carbohydrates, %	8.9	10.0

Reviewed By : Rebecca Kern

9/13/2022

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