

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 : 10598

Results For : RUSTY LYTLE
Sample ID : 2ND CUT 366
Description : ALFALFA

	Analysis As Received	Analysis Dry Basis
Moisture, %	10.94	0.00
Dry Matter, %	89.06	100.00
PROTEIN		
Crude Protein, %	20.3	22.8
FIBERS		
Acid Detergent Fiber, %	23.6	26.5
Neutral Detergent Fiber, %	28.1	31.6
NDFD (digestibility) 48 hr, % of NDF		53
IVTDMD (in vitro true digestibility) 48 hr, %	73.4	82.5
ENERGIES		
TDN Est., %	55.6	62.4
Net Energy Lact, MCal/lb	0.5696	0.6396
Net Energy Maint, MCal/lb	0.5627	0.6319
Net Energy Gain, MCal/lb	0.3279	0.3682
QUALITY VALUE		
Relative Feed Value		201
Relative Forage Quality		216
MINERALS		
Calcium, % Ca	1.05	1.18
Phosphorus, % P	0.25	0.28
Potassium, % K	2.73	3.06
Magnesium, % Mg	0.27	0.30
Ash, %	9.53	10.70
OTHER ANALYSIS		
Fat, %	1.4	1.6
Starch, %	0.5	0.5
Lignin, %	5.81	6.52
Non Fiber Carbohydrates, %	31.5	35.4
Ethanol-Soluble Carbohydrates, %	5.7	6.4
Water-Soluble Carbohydrates, %	8.2	9.2

Reviewed By : Rebecca Kern

9/13/2022

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