

Account No. : 37449

NIR Analysis Report

HARDAN, KRAUPIE
KRAUPIES REAL ESTATE & AUCTION
PO BOX 100
BRIDGEPORT NE 69336-0100

Invoice No. : 1442684
Date Received : 03/13/2025
Date Reported : 03/17/2025

Lab Number : 1941

Results For : JAKE KRAUPIE
Sample ID : WALT3 3RD
Description : ALFALFA

	Analysis As Received	Analysis Dry Basis
Moisture, %	10.42	0.00
Dry Matter, %	89.58	100.00
PROTEIN		
Crude Protein, %	19.3	21.5
FIBERS		
Acid Detergent Fiber, %	32.6	36.4
Neutral Detergent Fiber, %	40.9	45.7
NDFD (digestibility) 48 hr, % of NDF		49
IVTDMD (in vitro true digestibility) 48 hr, %	68.8	76.8
ENERGIES		
TDN Est., %	48.5	54.1
Net Energy Lact, MCal/lb	0.4899	0.5469
Net Energy Maint, MCal/lb	0.4497	0.5021
Net Energy Gain, MCal/lb	0.2234	0.2494
QUALITY VALUE		
Relative Feed Value		123
Relative Forage Quality		121
MINERALS		
Calcium, % Ca	1.33	1.49
Phosphorus, % P	0.26	0.29
Potassium, % K	2.56	2.86
Magnesium, % Mg	0.24	0.27
Ash, %	11.16	12.46
OTHER ANALYSIS		
Fat, %	1.8	2.0
Starch, %	0.2	0.2
Lignin, %	7.15	7.98
Non Fiber Carbohydrates, %	16.4	18.3
Ethanol-Soluble Carbohydrates, %	2.4	2.7
Water-Soluble Carbohydrates, %	4.9	5.5

Reviewed By : Rebecca Kern

3/17/2025

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