

Feed Analysis Report

Account:

37449

KRAUPIES REAL ESTATE & AUCTION

PO BOX 100

BRIDGEPORT NE 69336-0100

Invoice No.:

Date Received: 11/27/2023

Date Reported: 12/4/2023

Lab Number: F23-019914

Results For: KRAUPIES
Sample ID: WEST GEORGE 2ND
Description: HAY

	Analysis As Received	Analysis Dry Basis
Moisture %	15.28	0.00
Dry Matter %	84.72	100.00
Crude Protein %	19.63	23.17
Heat Damaged Protein (HDP)/Acid Detergent Insoluble Crude Protein (ADICP) % of crude protein	1.04	1.23
Neutral Detergent Insoluble Crude Protein (NDICP) % of crude protein	2.60	3.07
Insoluble Protein %	10.56	12.46
Soluble Protein %	9.07	10.71
Fibers		
Acid Detergent Fiber (ADF) %	30.25	35.70
Amylase-treated Neutral Detergent Fiber (aNDF) %	36.84	43.48
Neutral Detergent Fiber Digestibility at 48 hours (NDFD48) %	40.30	47.56
Digestible Neutral Detergent Fiber at 48 hours (dNDF48) % of NDF	17.52	20.68
In Vitro True Dry Matter Digestibility at 48 hours (IVTDMD48) %	66.18	78.12
Digestible Neutral Detergent Fiber at 30 hours (dNDF30) % of NDF	15.69	18.52
In Vitro True Dry Matter Digestibility at 30 hours (IVTDMD30) %	63.30	74.72
Other Analysis		
Crude Fat %	1.57	1.85
Ash %	10.81	12.76
Total Starch %	0.06	0.07
Ethanol Soluble Carbohydrates (ESC) %	1.52	1.79
Water Soluble Carbohydrates (WSC) %	3.82	4.51
Lignin %	6.07	7.16
Calculated Values		
Relative Feed Value (RFV)		131
Relative Forage Quality (RFQ)		124
Non-Fiber Carbohydrates (NFC), %		18.74
Dairy Dry Matter Intake (DMI), % of BW		2.83
Ruminant Summative Total Digestible Nutrients (TDN), %		54.00
Ruminant Metabolizable Energy (ME), Mcal/kg		1.95
Ruminant Net Energy of Lactation (NEL), Mcal/lb		0.55
Ruminant Net Energy of Gain (NEg), Mcal/lb		0.25

Reviewed by: Kern-Lunbery, Rebecca

12/4/2023

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