

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: F23-019916

Results For: KRAUPIES
Sample ID: WEST GEORGE 4TH
Description: HAY

	Analysis As Received	Analysis Dry Basis
Moisture %	14.39	0.00
Dry Matter %	85.61	100.00
Crude Protein %	20.55	24.00
Heat Damaged Protein (HDP)/Acid Detergent Insoluble Crude Protein (ADICP) % of crude protein	0.68	0.80
Neutral Detergent Insoluble Crude Protein (NDICP) % of crude protein	1.28	1.49
Insoluble Protein %	11.03	12.88
Soluble Protein %	9.52	11.12
Fibers		
Acid Detergent Fiber (ADF) %	22.98	26.84
Amylase-treated Neutral Detergent Fiber (aNDF) %	26.87	31.39
Neutral Detergent Fiber Digestibility at 48 hours (NDFD48) %	40.50	47.31
Digestible Neutral Detergent Fiber at 48 hours (dNDF48) % of NDF	12.71	14.85
In Vitro True Dry Matter Digestibility at 48 hours (IVTDMD48) %	72.24	84.39
Digestible Neutral Detergent Fiber at 30 hours (dNDF30) % of NDF	11.75	13.72
In Vitro True Dry Matter Digestibility at 30 hours (IVTDMD30) %	70.36	82.19
Other Analysis		
Crude Fat %	1.82	2.13
Ash %	11.35	13.26
Total Starch %	0.21	0.25
Ethanol Soluble Carbohydrates (ESC) %	4.82	5.63
Water Soluble Carbohydrates (WSC) %	6.81	7.96
Lignin %	4.55	5.31
Calculated Values		
Relative Feed Value (RFV)		201
Relative Forage Quality (RFQ)		190
Non-Fiber Carbohydrates (NFC), %		29.22
Dairy Dry Matter Intake (DMI), % of BW		3.89
Ruminant Summative Total Digestible Nutrients (TDN), %		60.23
Ruminant Metabolizable Energy (ME), Mcal/kg		2.17
Ruminant Net Energy of Lactation (NEL), Mcal/lb		0.61
Ruminant Net Energy of Gain (NEg), Mcal/lb		0.33

Reviewed by: Kern-Lunbery, Rebecca

12/4/2023

Copy:

Page 7 of 32