

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: F23-019913

Results For: KRAUPIES
Sample ID: WEST GEORGE 1ST
Description: HAY

	Analysis As Received	Analysis Dry Basis
Moisture %	14.37	0.00
Dry Matter %	85.63	100.00
Crude Protein %	18.87	22.04
Heat Damaged Protein (HDP)/Acid Detergent Insoluble Crude Protein (ADICP) % of crude protein	1.24	1.45
Neutral Detergent Insoluble Crude Protein (NDICP) % of crude protein	2.62	3.06
Insoluble Protein %	10.25	11.97
Soluble Protein %	8.62	10.07
Fibers		
Acid Detergent Fiber (ADF) %	30.48	35.59
Amylase-treated Neutral Detergent Fiber (aNDF) %	37.22	43.47
Neutral Detergent Fiber Digestibility at 48 hours (NDFD48) %	36.44	42.56
Digestible Neutral Detergent Fiber at 48 hours (dNDF48) % of NDF	15.84	18.50
In Vitro True Dry Matter Digestibility at 48 hours (IVTDMD48) %	65.87	76.93
Digestible Neutral Detergent Fiber at 30 hours (dNDF30) % of NDF	14.76	17.24
In Vitro True Dry Matter Digestibility at 30 hours (IVTDMD30) %	62.75	73.28
Other Analysis		
Crude Fat %	1.63	1.90
Ash %	10.15	11.85
Total Starch %	0.30	0.35
Ethanol Soluble Carbohydrates (ESC) %	3.32	3.88
Water Soluble Carbohydrates (WSC) %	5.83	6.81
Lignin %	6.51	7.60
Calculated Values		
Relative Feed Value (RFV)		131
Relative Forage Quality (RFQ)		116
Non-Fiber Carbohydrates (NFC), %		20.74
Dairy Dry Matter Intake (DMI), % of BW		2.69
Ruminant Summative Total Digestible Nutrients (TDN), %		52.99
Ruminant Metabolizable Energy (ME), Mcal/kg		1.91
Ruminant Net Energy of Lactation (NEL), Mcal/lb		0.53
Ruminant Net Energy of Gain (NEg), Mcal/lb		0.23

Reviewed by: Kern-Lunbery, Rebecca

12/4/2023

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