

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: F23-019915

Results For: KRAUPIES
Sample ID: WEST GEORGE 3RD
Description: HAY

	Analysis As Received	Analysis Dry Basis
Moisture %	14.82	0.00
Dry Matter %	85.18	100.00
Crude Protein %	19.23	22.58
Heat Damaged Protein (HDP)/Acid Detergent Insoluble Crude Protein (ADICP) % of crude protein	0.75	0.88
Neutral Detergent Insoluble Crude Protein (NDICP) % of crude protein	1.41	1.65
Insoluble Protein %	9.96	11.69
Soluble Protein %	9.28	10.89
Fibers		
Acid Detergent Fiber (ADF) %	27.19	31.92
Amylase-treated Neutral Detergent Fiber (aNDF) %	32.23	37.84
Neutral Detergent Fiber Digestibility at 48 hours (NDFD48) %	39.37	46.22
Digestible Neutral Detergent Fiber at 48 hours (dNDF48) % of NDF	14.90	17.49
In Vitro True Dry Matter Digestibility at 48 hours (IVTDMD48) %	68.18	80.05
Digestible Neutral Detergent Fiber at 30 hours (dNDF30) % of NDF	13.62	15.99
In Vitro True Dry Matter Digestibility at 30 hours (IVTDMD30) %	66.48	78.05
Other Analysis		
Crude Fat %	1.73	2.03
Ash %	10.02	11.76
Total Starch %	0.00	0.00
Ethanol Soluble Carbohydrates (ESC) %	2.90	3.41
Water Soluble Carbohydrates (WSC) %	5.21	6.12
Lignin %	5.46	6.41
Calculated Values		
Relative Feed Value (RFV)		157
Relative Forage Quality (RFQ)		151
Non-Fiber Carbohydrates (NFC), %		25.79
Dairy Dry Matter Intake (DMI), % of BW		3.21
Ruminant Summative Total Digestible Nutrients (TDN), %		57.79
Ruminant Metabolizable Energy (ME), Mcal/kg		2.09
Ruminant Net Energy of Lactation (NEL), Mcal/lb		0.59
Ruminant Net Energy of Gain (NEg), Mcal/lb		0.30

Reviewed by: Kern-Lunbery, Rebecca

12/4/2023

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