

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: F23-019919

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

	Analysis As Received	Analysis Dry Basis
Moisture %	14.10	0.00
Dry Matter %	85.90	100.00
Crude Protein %	20.13	23.43
Heat Damaged Protein (HDP)/Acid Detergent Insoluble Crude Protein (ADICP) % of crude protein	1.13	1.31
Neutral Detergent Insoluble Crude Protein (NDICP) % of crude protein	2.76	3.21
Insoluble Protein %	9.65	11.23
Soluble Protein %	10.48	12.20
Fibers		
Acid Detergent Fiber (ADF) %	32.24	37.53
Amylase-treated Neutral Detergent Fiber (aNDF) %	39.22	45.66
Neutral Detergent Fiber Digestibility at 48 hours (NDFD48) %	43.19	50.28
Digestible Neutral Detergent Fiber at 48 hours (dNDF48) % of NDF	19.72	22.96
In Vitro True Dry Matter Digestibility at 48 hours (IVTDMD48) %	67.84	78.97
Digestible Neutral Detergent Fiber at 30 hours (dNDF30) % of NDF	17.52	20.40
In Vitro True Dry Matter Digestibility at 30 hours (IVTDMD30) %	64.50	75.09
Other Analysis		
Crude Fat %	1.46	1.70
Ash %	10.17	11.84
Total Starch %	0.00	0.00
Ethanol Soluble Carbohydrates (ESC) %	1.19	1.38
Water Soluble Carbohydrates (WSC) %	3.69	4.29
Lignin %	6.06	7.06
Calculated Values		
Relative Feed Value (RFV)		122
Relative Forage Quality (RFQ)		123
Non-Fiber Carbohydrates (NFC), %		17.37
Dairy Dry Matter Intake (DMI), % of BW		2.77
Ruminant Summative Total Digestible Nutrients (TDN), %		54.69
Ruminant Metabolizable Energy (ME), Mcal/kg		1.97
Ruminant Net Energy of Lactation (NEL), Mcal/lb		0.55
Ruminant Net Energy of Gain (NEg), Mcal/lb		0.26

Reviewed by: Kern-Lunbery, Rebecca

12/4/2023

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