

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: F23-019920

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

	Analysis As Received	Analysis Dry Basis
Moisture %	14.65	0.00
Dry Matter %	85.35	100.00
Crude Protein %	19.12	22.40
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	1.49	1.74
Insoluble Protein %	10.40	12.19
Soluble Protein %	8.71	10.21
Fibers		
Acid Detergent Fiber (ADF) %	26.88	31.49
Amylase-treated Neutral Detergent Fiber (aNDF) %	31.84	37.30
Neutral Detergent Fiber Digestibility at 48 hours (NDFD48) %	40.71	47.69
Digestible Neutral Detergent Fiber at 48 hours (dNDF48) % of NDF	15.18	17.79
In Vitro True Dry Matter Digestibility at 48 hours (IVTDMD48) %	69.21	81.09
Digestible Neutral Detergent Fiber at 30 hours (dNDF30) % of NDF	14.07	16.49
In Vitro True Dry Matter Digestibility at 30 hours (IVTDMD30) %	67.82	79.46
Other Analysis		
Crude Fat %	1.83	2.14
Ash %	10.02	11.74
Total Starch %	0.20	0.24
Ethanol Soluble Carbohydrates (ESC) %	3.57	4.18
Water Soluble Carbohydrates (WSC) %	6.05	7.09
Lignin %	5.25	6.15
Calculated Values		
Relative Feed Value (RFV)		161
Relative Forage Quality (RFQ)		157
Non-Fiber Carbohydrates (NFC), %		26.42
Dairy Dry Matter Intake (DMI), % of BW		3.29
Ruminant Summative Total Digestible Nutrients (TDN), %		58.76
Ruminant Metabolizable Energy (ME), Mcal/kg		2.12
Ruminant Net Energy of Lactation (NEL), Mcal/lb		0.60
Ruminant Net Energy of Gain (NEg), Mcal/lb		0.32

Reviewed by: Kern-Lunbery, Rebecca

12/4/2023

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Page 15 of 32