

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: F23-019918

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

	Analysis As Received	Analysis Dry Basis
Moisture %	14.78	0.00
Dry Matter %	85.22	100.00
Crude Protein %	18.43	21.63
Heat Damaged Protein (HDP)/Acid Detergent Insoluble Crude Protein (ADICP) % of crude protein	1.26	1.48
Neutral Detergent Insoluble Crude Protein (NDICP) % of crude protein	2.68	3.15
Insoluble Protein %	10.24	12.01
Soluble Protein %	8.20	9.62
Fibers		
Acid Detergent Fiber (ADF) %	31.86	37.38
Amylase-treated Neutral Detergent Fiber (aNDF) %	38.77	45.49
Neutral Detergent Fiber Digestibility at 48 hours (NDFD48) %	36.74	43.11
Digestible Neutral Detergent Fiber at 48 hours (dNDF48) % of NDF	16.71	19.61
In Vitro True Dry Matter Digestibility at 48 hours (IVTDMD48) %	64.34	75.50
Digestible Neutral Detergent Fiber at 30 hours (dNDF30) % of NDF	15.56	18.26
In Vitro True Dry Matter Digestibility at 30 hours (IVTDMD30) %	61.56	72.23
Other Analysis		
Crude Fat %	1.58	1.85
Ash %	10.39	12.19
Total Starch %	0.00	0.00
Ethanol Soluble Carbohydrates (ESC) %	2.28	2.67
Water Soluble Carbohydrates (WSC) %	5.04	5.91
Lignin %	6.63	7.78
Calculated Values		
Relative Feed Value (RFV)		122
Relative Forage Quality (RFQ)		109
Non-Fiber Carbohydrates (NFC), %		18.84
Dairy Dry Matter Intake (DMI), % of BW		2.59
Ruminant Summative Total Digestible Nutrients (TDN), %		51.67
Ruminant Metabolizable Energy (ME), Mcal/kg		1.86
Ruminant Net Energy of Lactation (NEL), Mcal/lb		0.52
Ruminant Net Energy of Gain (NEg), Mcal/lb		0.21