

Feed Analysis Report

Account:

37449

KRAUPIES REAL ESTATE & AUCTION

PO BOX 100

BRIDGEPORT NE 69336-0100

Invoice No.:

11/27/2023

12/4/2023

F23-019917

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

	Analysis As Received	Analysis Dry Basis
Moisture %	16.00	0.00
Dry Matter %	84.00	100.00
Crude Protein %	16.19	19.28
Heat Damaged Protein (HDP)/Acid Detergent Insoluble Crude Protein (ADICP) % of crude protein	1.17	1.39
Neutral Detergent Insoluble Crude Protein (NDICP) % of crude protein	2.51	2.99
Insoluble Protein %	9.53	11.34
Soluble Protein %	6.67	7.94
Fibers		
Acid Detergent Fiber (ADF) %	30.83	36.70
Amylase-treated Neutral Detergent Fiber (aNDF) %	37.35	44.47
Neutral Detergent Fiber Digestibility at 48 hours (NDFD48) %	38.02	45.27
Digestible Neutral Detergent Fiber at 48 hours (dNDF48) % of NDF	16.91	20.13
In Vitro True Dry Matter Digestibility at 48 hours (IVTDMD48) %	64.30	76.55
Digestible Neutral Detergent Fiber at 30 hours (dNDF30) % of NDF	15.10	17.98
In Vitro True Dry Matter Digestibility at 30 hours (IVTDMD30) %	62.05	73.87
Other Analysis		
Crude Fat %	1.59	1.89
Ash %	10.22	12.17
Total Starch %	0.74	0.88
Ethanol Soluble Carbohydrates (ESC) %	2.44	2.91
Water Soluble Carbohydrates (WSC) %	5.35	6.37
Lignin %	6.35	7.56
Calculated Values		
Relative Feed Value (RFV)		126
Relative Forage Quality (RFQ)		118
Non-Fiber Carbohydrates (NFC), %		22.19
Dairy Dry Matter Intake (DMI), % of BW		2.71
Ruminant Summative Total Digestible Nutrients (TDN), %		53.34
Ruminant Metabolizable Energy (ME), Mcal/kg		1.92
Ruminant Net Energy of Lactation (NEL), Mcal/lb		0.54

Reviewed by: Kern-Lunbery, Rebecca

12/4/2023

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