

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: F23-019921

Results For: KRAUPIES
Sample ID: SOUTH GEORGE 4TH
Description: HAY

	Analysis As Received	Analysis Dry Basis
Moisture %	16.33	0.00
Dry Matter %	83.67	100.00
Crude Protein %	21.12	25.24
Heat Damaged Protein (HDP)/Acid Detergent Insoluble Crude Protein (ADICP) % of crude protein	0.66	0.79
Neutral Detergent Insoluble Crude Protein (NDICP) % of crude protein	1.28	1.53
Insoluble Protein %	11.15	13.32
Soluble Protein %	9.97	11.92
Fibers		
Acid Detergent Fiber (ADF) %	21.62	25.84
Amylase-treated Neutral Detergent Fiber (aNDF) %	25.36	30.31
Neutral Detergent Fiber Digestibility at 48 hours (NDFD48) %	41.91	50.08
Digestible Neutral Detergent Fiber at 48 hours (dNDF48) % of NDF	12.70	15.18
In Vitro True Dry Matter Digestibility at 48 hours (IVTDMD48) %	71.08	84.95
Digestible Neutral Detergent Fiber at 30 hours (dNDF30) % of NDF	11.46	13.70
In Vitro True Dry Matter Digestibility at 30 hours (IVTDMD30) %	69.35	82.88
Other Analysis		
Crude Fat %	1.82	2.17
Ash %	10.47	12.51
Total Starch %	0.00	0.00
Ethanol Soluble Carbohydrates (ESC) %	4.70	5.62
Water Soluble Carbohydrates (WSC) %	6.41	7.66
Lignin %	4.21	5.03
Calculated Values		
Relative Feed Value (RFV)		211
Relative Forage Quality (RFQ)		208
Non-Fiber Carbohydrates (NFC), %		29.77
Dairy Dry Matter Intake (DMI), % of BW		4.10
Ruminant Summative Total Digestible Nutrients (TDN), %		62.32
Ruminant Metabolizable Energy (ME), Mcal/kg		2.25
Ruminant Net Energy of Lactation (NEL), Mcal/lb		0.64
Ruminant Net Energy of Gain (NEg), Mcal/lb		0.36

Reviewed by: Kern-Lunbery, Rebecca

12/4/2023

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