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Lab No.: 10101		FEED ANALYSIS REPORT		Date Reported: 11/07/2023
Send To: 33423	SOUTHWEST GRAIN NEW ENGLAND SWG 170 ELEVATOR PO BOX 220 NEW ENGLAND, ND 58647			   Hans Burken Lab Manager
Results For: Feedstuff Description: Sample Identification: Date Received:  Invoice No.:	BILL GUSSEY ALFALFA HAY ALFALFA 1 11/06/2023  750189			
Feed Analysis Results		As Received		100% Dry Matter
<b>Near Infrared Reflectance Spectroscopy (NIRS) Analysis</b>				
Moisture, %		13.9		
Dry Matter, %		86.1		
Crude Protein, %		11.07	12.86	
Adjusted Crude Protein, %		9.95	11.56	
AD-ICP, %		1.81	2.10	
ND-ICP (w/Na2SO3), %		3.44	3.99	
Soluble Protein, % CP		9.11	10.58	
ADF, % ADF		44.58	51.77	
aNDF (w/Na2SO3), % NDF		49.78	57.81	
aNDFom, % aNDFom		41.06	47.68	
Lignin (Sulfuric Acid), %		7.35	8.53	
Lignin % NDF, %		15.41	17.89	
uNDFom240, %		25.77	29.93	
NDFD240, % NDF		32.06	37.23	
Starch, %		1.08	1.26	
Fat (EE), %		2.64	3.07	

The reported analytical results apply only to the sample as it was supplied.  
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Feed Analysis Results		As Received	100% Dry Matter	
Total Fatty Acid (TFA), % TFA		0.86	1.00	
Ash, %		14.81	17.20	
Calcium, % Ca		0.92	1.07	
Phosphorus, % P		0.28	0.33	
Magnesium, % Mg		0.23	0.27	
Potassium, % K		2.70	3.14	
Sulfur, % S		0.15	0.18	
Sugar (ESC), %		3.35	3.89	
Sugar (WSC), %		4.43	5.14	
N.F.C., %		20.88	24.25	
<b>RFV,</b>		<b>67.43</b>	<b>78.31</b>	
Chloride, % Cl		0.56	0.65	
		<b>ADF</b>	<b>OARDC</b>	
TDN	%	48.57	47.01	
NEI	Mcal/lb	0.49	0.47	
NEg	Mcal/lb	0.26	0.16	
NEm	Mcal/lb	0.51	0.41	

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