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Basic NIR

Client: Andrew's Hay
 Description: 2nd
 Feed Type: Timothy Hay
 Sample #: 187780

Date Tested: 8/30/2024
 Reported: 8/30/2024
 Sampled: 8/27/2024

Nutrient	Dry Basis	
Moisture	9.55	%
Dry_Matter	90.45	%
Protein		
CP	12.25	%DM
AD-ICP	6.45	%CP
ND-ICP w/SS	28.90	%CP
Protein Sol	32.16	%CP
Fiber		
ADF	36.28	%DM
aNDF	54.40	%DM
aNDFom	51.97	%DM
Lignin (Sulfuric Acid)	4.34	%DM
Carbohydrates and Fat		
ESC(Sugar)	8.46	%DM
WSC(Sugar)	11.32	%DM
Starch	0.25	%DM
Crude Fat (EE)	4.15	%DM
Minerals		
Ash	7.10	%DM
Calcium	0.49	%DM
Phosphorus	0.32	%DM
Magnesium	0.21	%DM
Potassium	2.15	%DM
Sulfur	0.17	%DM
Qualitative		
Calculations		
NFC	29.50	%DM
NSC	11.57	%DM
RFV	103.89	
Adj Crude Protein	12.25	%DM
TDN_OARDC	63.45	%DM
NEL3x_OARDC	0.65	Mcal/lb
NEG_OARDC	0.39	Mcal/lb
NEM_OARDC	0.65	Mcal/lb
California_TDN_90%dry	49.60	Hay equiv, %DM

NIR Prediction Equations provided by Dairyland Laboratories, Inc.
 Values in bold were measured by Wet Chemistry Methods.