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Basic NIR

Client: Andrew's Hay
 Description: 2nd
 Feed Type: Timothy Hay
 Sample #: 184122

Date Tested: 5/24/2024
 Reported: 5/24/2024
 Sampled: 5/17/2024

Nutrient	Dry Basis	
Moisture	9.53	%
Dry_Matter	90.47	%
Protein		
CP	14.50	%DM
AD-ICP	5.59	%CP
ND-ICP w/SS	26.28	%CP
Protein Sol	30.00	%CP
Fiber		
ADF	35.50	%DM
aNDF	54.78	%DM
aNDFom	52.81	%DM
Lignin (Sulfuric Acid)	4.01	%DM
Carbohydrates and Fat		
ESC(Sugar)	6.90	%DM
WSC(Sugar)	9.20	%DM
Starch	0.65	%DM
Crude Fat (EE)	3.86	%DM
Minerals		
Ash	8.64	%DM
Calcium	0.67	%DM
Phosphorus	0.33	%DM
Magnesium	0.26	%DM
Potassium	2.49	%DM
Sulfur	0.20	%DM
Qualitative		
Calculations		
NFC	25.22	%DM
NSC	9.85	%DM
RFV	103.98	
Adj Crude Protein	14.50	%DM
TDN_OARDC	62.24	%DM
NEL3x_OARDC	0.64	Mcal/lb
NEG_OARDC	0.38	Mcal/lb
NEM_OARDC	0.65	Mcal/lb
California_TDN_90%dry	50.13	Hay equiv, %DM

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