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Basic NIR

Client: Andrew's Hay
 Description: Orchard Winthrop 4W 2nd
 Feed Type: Grass Hay
 Sample #: 182980

Date Tested 3/26/2024
 Reported 3/26/2024
 Sampled 3/19/2024

Nutrient	Dry Basis	
Moisture	8.23	%
Dry_Matter	91.77	%
Protein		
CP	13.89	%DM
AD-ICP	3.38	%CP
ND-ICP w/SS	25.49	%CP
Protein Sol	24.12	%CP
Fiber		
ADF	30.44	%DM
aNDF	51.75	%DM
aNDFom	48.44	%DM
Lignin (Sulfuric Acid)	2.73	%DM
Carbohydrates and Fat		
ESC(Sugar)	9.77	%DM
WSC(Sugar)	13.09	%DM
Starch	1.31	%DM
Crude Fat (EE)	4.57	%DM
Minerals		
Ash	6.99	%DM
Calcium	0.49	%DM
Phosphorus	0.35	%DM
Magnesium	0.24	%DM
Potassium	2.34	%DM
Sulfur	0.28	%DM
Qualitative		
Calculations		
NFC	31.17	%DM
NSC	14.40	%DM
RFV	117.24	
Adj Crude Protein	13.89	%DM
TDN_OARDC	68.09	%DM
NEL3x_OARDC	0.70	Mcal/lb
NEG_OARDC	0.45	Mcal/lb
NEM_OARDC	0.73	Mcal/lb
California_TDN_90%dry	53.55	Hay equiv, %DM

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