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Basic NIR

Client: Andrew's Hay
 Description: Pasco 1A-B 2nd
 Feed Type: Alfalfa Hay
 Sample #: 176344

Date Tested 7/3/2023
 Reported 7/3/2023
 Sampled 6/27/2023

Nutrient	Dry Basis	
Moisture	10.60	%
Dry_Matter	89.40	%
Protein		
CP	21.40	%DM
AD-ICP	5.05	%CP
ND-ICP w/SS	8.55	%CP
Protein Sol	43.97	%CP
Fiber		
ADF	31.23	%DM
aNDF	37.26	%DM
aNDFom	36.04	%DM
Lignin (Sulfuric Acid)	6.39	%DM
Carbohydrates and Fat		
ESC(Sugar)	7.17	%DM
WSC(Sugar)	9.14	%DM
Starch	1.74	%DM
Crude Fat (EE)	3.16	%DM
Minerals		
Ash	11.10	%DM
Calcium	1.28	%DM
Phosphorus	0.41	%DM
Magnesium	0.33	%DM
Potassium	3.16	%DM
Sulfur	0.28	%DM
Qualitative		
Calculations		
NFC	30.75	%DM
NSC	10.88	%DM
RFV	161.17	
Adj Crude Protein	21.40	%DM
TDN_OARDC	60.68	%DM
NEL3x_OARDC	0.62	Mcal/lb
NEG_OARDC	0.39	Mcal/lb
NEM_OARDC	0.66	Mcal/lb
California_TDN_90%dry	53.02	Hay equiv, %DM

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