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Basic NIR

Client: Andrew's Hay
 Description: Basin 4 A-B 2nd
 Feed Type: Alfalfa Hay
 Sample #: 182979

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

Nutrient	Dry Basis	
Moisture	10.45	%
Dry_Matter	89.55	%
Protein		
CP	17.14	%DM
AD-ICP	5.13	%CP
ND-ICP w/SS	11.90	%CP
Protein Sol	38.16	%CP
Fiber		
ADF	34.40	%DM
aNDF	41.19	%DM
aNDFom	39.66	%DM
Lignin (Sulfuric Acid)	6.15	%DM
Carbohydrates and Fat		
ESC(Sugar)	9.31	%DM
WSC(Sugar)	11.19	%DM
Starch	1.92	%DM
Crude Fat (EE)	3.18	%DM
Minerals		
Ash	10.07	%DM
Calcium	1.07	%DM
Phosphorus	0.35	%DM
Magnesium	0.29	%DM
Potassium	3.01	%DM
Sulfur	0.28	%DM
Qualitative		
Calculations		
NFC	32.48	%DM
NSC	13.11	%DM
RFV	140.09	
Adj Crude Protein	17.14	%DM
TDN_OARDC	61.18	%DM
NEL3x_OARDC	0.63	Mcal/lb
NEG_OARDC	0.38	Mcal/lb
NEM_OARDC	0.64	Mcal/lb
California_TDN_90%dry	50.88	Hay equiv, %DM

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