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Basic NIR

Client: Andrew's Hay
 Description: Orchard Fabers 4th
 Feed Type: Grass Hay
 Sample #: 178529

Date Tested: 9/1/2023
 Reported: 9/1/2023
 Sampled: 8/28/2023

Nutrient	Dry Basis	
Moisture	10.04	%
Dry_Matter	89.96	%
Protein		
CP	14.99	%DM
AD-ICP	3.54	%CP
ND-ICP w/SS	31.02	%CP
Protein Sol	41.36	%CP
Fiber		
ADF	33.47	%DM
aNDF	56.37	%DM
aNDFom	52.99	%DM
Lignin (Sulfuric Acid)	2.71	%DM
Carbohydrates and Fat		
ESC(Sugar)	8.52	%DM
WSC(Sugar)	11.40	%DM
Starch	0.36	%DM
Crude Fat (EE)	4.32	%DM
Minerals		
Ash	11.09	%DM
Calcium	0.39	%DM
Phosphorus	0.35	%DM
Magnesium	0.22	%DM
Potassium	2.76	%DM
Sulfur	0.25	%DM
Qualitative		
Calculations		
NFC	22.75	%DM
NSC	11.76	%DM
RFV	103.74	
Adj Crude Protein	14.99	%DM
TDN_OARDC	62.87	%DM
NEL3x_OARDC	0.65	Mcal/lb
NEG_OARDC	0.39	Mcal/lb
NEM_OARDC	0.66	Mcal/lb
California_TDN_90%dry	51.50	Hay equiv, %DM

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