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Basic NIR

Client: Andrew's Hay
 Description: Orchard Lynden 2nd
 Feed Type: Grass Hay
 Sample #: 176457

Date Tested 7/5/2023
 Reported 7/5/2023
 Sampled 6/29/2023

Nutrient	Dry Basis	
Moisture	10.90	%
Dry_Matter	89.10	%
Protein		
CP	15.36	%DM
AD-ICP	3.65	%CP
ND-ICP w/SS	14.97	%CP
Protein Sol	39.00	%CP
Fiber		
ADF	30.52	%DM
aNDF	52.28	%DM
aNDFom	49.52	%DM
Lignin (Sulfuric Acid)	2.75	%DM
Carbohydrates and Fat		
ESC(Sugar)	13.04	%DM
WSC(Sugar)	13.63	%DM
Starch	1.39	%DM
Crude Fat (EE)	4.23	%DM
Minerals		
Ash	8.87	%DM
Calcium	0.56	%DM
Phosphorus	0.40	%DM
Magnesium	0.23	%DM
Potassium	2.68	%DM
Sulfur	0.21	%DM
Qualitative		
Calculations		
NFC	25.85	%DM
NSC	15.02	%DM
RFV	116.11	
Adj Crude Protein	15.36	%DM
TDN_OARDC	65.09	%DM
NEL3x_OARDC	0.67	Mcal/lb
NEG_OARDC	0.42	Mcal/lb
NEM_OARDC	0.69	Mcal/lb
California_TDN_90%dry	53.50	Hay equiv, %DM

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