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Basic NIR

Client: Andrew's Hay
 Description: Orchard Regular 3rd
 Feed Type: Grass Hay
 Sample #: 177199

Date Tested 7/25/2023
 Reported 7/25/2023
 Sampled 7/18/2023

Nutrient	Dry Basis	
Moisture	13.05	%
Dry_Matter	86.95	%
Protein		
CP	12.51	%DM
AD-ICP	3.84	%CP
ND-ICP w/SS	14.07	%CP
Protein Sol	43.57	%CP
Fiber		
ADF	35.88	%DM
aNDF	56.59	%DM
aNDFom	53.51	%DM
Lignin (Sulfuric Acid)	3.60	%DM
Carbohydrates and Fat		
ESC(Sugar)	13.01	%DM
WSC(Sugar)	13.84	%DM
Starch	1.31	%DM
Crude Fat (EE)	3.63	%DM
Minerals		
Ash	9.37	%DM
Calcium	0.32	%DM
Phosphorus	0.39	%DM
Magnesium	0.16	%DM
Potassium	3.25	%DM
Sulfur	0.19	%DM
Qualitative		
Calculations		
NFC	23.82	%DM
NSC	15.15	%DM
RFV	100.17	
Adj Crude Protein	12.51	%DM
TDN_OARDC	61.68	%DM
NEL3x_OARDC	0.63	Mcal/lb
NEG_OARDC	0.37	Mcal/lb
NEM_OARDC	0.63	Mcal/lb
California_TDN_90%dry	49.87	Hay equiv, %DM

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