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Basic NIR

Client: Andrew's Hay
 Description: Orchard Premium 3rd
 Feed Type: Grass Hay
 Sample #: 177200

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

Nutrient	Dry Basis	
Moisture	11.02	%
Dry_Matter	88.98	%
Protein		
CP	19.24	%DM
AD-ICP	3.85	%CP
ND-ICP w/SS	14.60	%CP
Protein Sol	40.12	%CP
Fiber		
ADF	31.82	%DM
aNDF	53.13	%DM
aNDFom	49.95	%DM
Lignin (Sulfuric Acid)	3.22	%DM
Carbohydrates and Fat		
ESC(Sugar)	9.44	%DM
WSC(Sugar)	10.02	%DM
Starch	0.25	%DM
Crude Fat (EE)	4.05	%DM
Minerals		
Ash	11.53	%DM
Calcium	0.57	%DM
Phosphorus	0.47	%DM
Magnesium	0.24	%DM
Potassium	3.89	%DM
Sulfur	0.27	%DM
Qualitative		
Calculations		
NFC	19.34	%DM
NSC	10.27	%DM
RFV	112.32	
Adj Crude Protein	19.24	%DM
TDN_OARDC	61.58	%DM
NEL3x_OARDC	0.63	Mcal/lb
NEG_OARDC	0.39	Mcal/lb
NEM_OARDC	0.66	Mcal/lb
California_TDN_90%dry	52.62	Hay equiv, %DM

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