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## Equine Standard NIR

Client: Andrew's Hay  
 Description: Local Orchard Hay 1st  
 Feed Type: Grass Hay  
 Sample #: 173314

Date Tested 2/2/2023  
 Reported 2/2/2023  
 Sampled 1/24/2023

Nutrient	Dry Basis	
Moisture	12.20	%
Dry_Matter	87.80	%
<b>Protein</b>		
CP	7.71	%DM
AD-ICP	11.41	%CP
ND-ICP w/SS	16.47	%CP
Protein Sol	31.39	%CP
<b>Fiber</b>		
ADF	41.49	%DM
aNDF	61.86	%DM
aNDFom	56.90	%DM
Lignin (Sulfuric Acid)	5.79	%DM
<b>Carbohydrates and Fat</b>		
ESC(Sugar)	13.07	%DM
WSC(Sugar)	13.69	%DM
Starch	0.26	%DM
Crude Fat (EE)	3.60	%DM
Total Fatty Acids (TFA)	1.36	%DM
<b>Minerals</b>		
Ash	9.16	%DM
Calcium	0.33	%DM
Phosphorus	0.26	%DM
Magnesium	0.15	%DM
Potassium	2.11	%DM
Sulfur	0.11	%DM
<b>Qualitative</b>		
<b>Calculations</b>		
NFC	25.14	%DM
NSC	13.95	%DM
RFV	85.09	
Adj Crude Protein	7.54	%DM
TDN_OARDC	56.44	%DM
NEL3x_OARDC	0.57	Mcal/lb
NEG_OARDC	0.28	Mcal/lb
NEM_OARDC	0.53	Mcal/lb
California_TDN_90%dry	46.08	Hay equiv, %DM
Equine_TDN	53.26	%DM
Equine_DE	1.00	Mcal/lb

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