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## Equine Standard NIR

Client: Andrew's Hay  
 Description: Orchard Eastern 2nd  
 Feed Type: Grass Hay  
 Sample #: 170918

Date Tested: 10/4/2022  
 Reported: 10/4/2022  
 Sampled: 9/24/2022

Nutrient	Dry Basis	
Moisture	6.82	%
Dry_Matter	93.18	%
<b>Protein</b>		
CP	14.90	%DM
AD-ICP	4.03	%CP
ND-ICP w/SS	15.70	%CP
Protein Sol	37.25	%CP
<b>Fiber</b>		
ADF	33.89	%DM
aNDF	58.42	%DM
aNDFom	55.17	%DM
Lignin (Sulfuric Acid)	2.97	%DM
<b>Carbohydrates and Fat</b>		
ESC(Sugar)	6.54	%DM
WSC(Sugar)	8.72	%DM
Starch	0.25	%DM
Crude Fat (EE)	4.72	%DM
Total Fatty Acids (TFA)	1.83	%DM
<b>Minerals</b>		
Ash	10.40	%DM
Calcium	0.53	%DM
Phosphorus	0.39	%DM
Magnesium	0.19	%DM
Potassium	3.45	%DM
Sulfur	0.25	%DM
<b>Qualitative</b>		
<b>Calculations</b>		
NFC	19.04	%DM
NSC	8.97	%DM
RFV	99.32	
Adj Crude Protein	14.90	%DM
TDN_OARDC	61.76	%DM
NEL3x_OARDC	0.63	Mcal/lb
NEG_OARDC	0.38	Mcal/lb
NEM_OARDC	0.64	Mcal/lb
California_TDN_90%dry	51.22	Hay equiv, %DM
Equine_TDN	54.15	%DM
Equine_DE	1.01	Mcal/lb

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