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## Equine Standard NIR

Client: Andrew's Hay  
 Description: Eastern  
 Feed Type: Alfalfa Hay  
 Sample #: 170501

Date Tested: 9/22/2022  
 Reported: 9/22/2022  
 Sampled: 9/17/2022

Nutrient	Dry Basis	
Moisture	10.61	%
Dry_Matter	89.39	%
<b>pH</b>	4.62	
<b>Protein</b>		
CP	16.97	%DM
AD-ICP	5.48	%CP
ND-ICP w/SS	7.25	%CP
Protein Sol	41.78	%CP
<b>Fiber</b>		
ADF	34.63	%DM
aNDF	42.33	%DM
aNDFom	40.71	%DM
Lignin (Sulfuric Acid)	7.09	%DM
<b>Carbohydrates and Fat</b>		
ESC(Sugar)	8.49	%DM
WSC(Sugar)	11.04	%DM
Starch	1.46	%DM
Crude Fat (EE)	2.91	%DM
Total Fatty Acids (TFA)	1.37	%DM
<b>Minerals</b>		
Ash	9.21	%DM
Calcium	1.38	%DM
Phosphorus	0.33	%DM
Magnesium	0.35	%DM
Potassium	2.39	%DM
Sulfur	0.20	%DM
<b>Qualitative</b>		
<b>Calculations</b>		
NFC	31.97	%DM
NSC	12.50	%DM
RFV	135.84	
Adj Crude Protein	16.97	%DM
TDN_OARDC	59.77	%DM
NEL3x_OARDC	0.61	Mcal/lb
NEG_OARDC	0.36	Mcal/lb
NEM_OARDC	0.62	Mcal/lb
California_TDN_90%dry	50.72	Hay equiv, %DM
Equine_TDN	61.95	%DM

Equine_DE	1.14	Mcal/lb
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NIR Prediction Equations provided by Dairyland Laboratories, Inc.  
 Values in bold were measured by Wet Chemistry Methods.