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Equine Standard NIR

Client: Andrew's Hay
 Description: Eastern Orchard 1st
 Feed Type: Grass Hay
 Sample #: 169819

Date Tested 8/25/2022
 Reported 8/25/2022
 Sampled

Nutrient	Dry Basis	
Moisture	11.73	%
Dry_Matter	88.27	%
Protein		
CP	14.20	%DM
AD-ICP	4.15	%CP
ND-ICP w/SS	15.99	%CP
Protein Sol	34.15	%CP
Fiber		
ADF	33.66	%DM
aNDF	57.69	%DM
aNDFom	55.08	%DM
Lignin (Sulfuric Acid)	3.39	%DM
Carbohydrates and Fat		
ESC(Sugar)	11.01	%DM
WSC(Sugar)	11.90	%DM
Starch	0.41	%DM
Crude Fat (EE)	3.26	%DM
Total Fatty Acids (TFA)	1.37	%DM
Minerals		
Ash	8.56	%DM
Calcium	0.43	%DM
Phosphorus	0.35	%DM
Magnesium	0.20	%DM
Potassium	2.35	%DM
Sulfur	0.22	%DM
Qualitative		
Calculations		
NFC	22.06	%DM
NSC	12.31	%DM
RFV	101.07	
Adj Crude Protein	14.20	%DM
TDN_OARDC	62.24	%DM
NEL3x_OARDC	0.64	Mcal/lb
NEG_OARDC	0.38	Mcal/lb
NEM_OARDC	0.65	Mcal/lb
California_TDN_90%dry	51.38	Hay equiv, %DM
Equine_TDN	55.08	%DM
Equine_DE	1.03	Mcal/lb

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