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Equine Standard NIR

Client: Andrew's Hay
 Description: Local Orchard Hay 3rd
 Feed Type: Grass Hay
 Sample #: 173313

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

Nutrient	Dry Basis	
Moisture	12.45	%
Dry_Matter	87.55	%
Protein		
CP	14.52	%DM
AD-ICP	4.96	%CP
ND-ICP w/SS	19.77	%CP
Protein Sol	42.56	%CP
Fiber		
ADF	35.12	%DM
aNDF	57.62	%DM
aNDFom	52.80	%DM
Lignin (Sulfuric Acid)	3.12	%DM
Carbohydrates and Fat		
ESC(Sugar)	6.81	%DM
WSC(Sugar)	9.09	%DM
Starch	0.25	%DM
Crude Fat (EE)	4.51	%DM
Total Fatty Acids (TFA)	1.79	%DM
Minerals		
Ash	11.51	%DM
Calcium	0.44	%DM
Phosphorus	0.44	%DM
Magnesium	0.15	%DM
Potassium	4.36	%DM
Sulfur	0.21	%DM
Qualitative		
Calculations		
NFC	21.25	%DM
NSC	9.34	%DM
RFV	99.23	
Adj Crude Protein	14.52	%DM
TDN_OARDC	60.99	%DM
NEL3x_OARDC	0.62	Mcal/lb
NEG_OARDC	0.37	Mcal/lb
NEM_OARDC	0.63	Mcal/lb
California_TDN_90%dry	50.39	Hay equiv, %DM
Equine_TDN	54.25	%DM
Equine_DE	1.01	Mcal/lb

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