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Basic NIR

Client: Andrew's Hay
 Description: Orchard Ricks 306 2nd
 Feed Type: Grass Hay
 Sample #: 185524

Date Tested: 7/2/2024
 Reported: 7/2/2024
 Sampled: 6/26/2024

Nutrient	Dry Basis	
Moisture	10.73	%
Dry_Matter	89.27	%
Protein		
CP	11.41	%DM
AD-ICP	3.94	%CP
ND-ICP w/SS	31.38	%CP
Protein Sol	33.65	%CP
Fiber		
ADF	34.61	%DM
aNDF	56.12	%DM
aNDFom	52.96	%DM
Lignin (Sulfuric Acid)	3.21	%DM
Carbohydrates and Fat		
ESC(Sugar)	11.89	%DM
WSC(Sugar)	12.83	%DM
Starch	0.28	%DM
Crude Fat (EE)	3.54	%DM
Minerals		
Ash	8.98	%DM
Calcium	0.36	%DM
Phosphorus	0.33	%DM
Magnesium	0.19	%DM
Potassium	3.00	%DM
Sulfur	0.21	%DM
Qualitative		
Calculations		
NFC	27.75	%DM
NSC	13.11	%DM
RFV	102.75	
Adj Crude Protein	11.41	%DM
TDN_OARDC	63.34	%DM
NEL3x_OARDC	0.65	Mcal/lb
NEG_OARDC	0.38	Mcal/lb
NEM_OARDC	0.65	Mcal/lb
California_TDN_90%dry	50.73	Hay equiv, %DM

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