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### Basic NIR

Client: Andrew's Hay  
 Description: Orchard 2W Field Dodge 1st  
 Feed Type: Grass Hay  
 Sample #: 185523

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

Nutrient	Dry Basis	
Moisture	12.55	%
Dry_Matter	87.45	%
<b>Protein</b>		
CP	8.26	%DM
AD-ICP	7.26	%CP
ND-ICP w/SS	38.74	%CP
Protein Sol	29.30	%CP
<b>Fiber</b>		
ADF	34.22	%DM
aNDF	57.10	%DM
aNDFom	54.52	%DM
Lignin (Sulfuric Acid)	4.56	%DM
<b>Carbohydrates and Fat</b>		
ESC(Sugar)	14.62	%DM
WSC(Sugar)	16.52	%DM
Starch	3.61	%DM
Crude Fat (EE)	3.26	%DM
<b>Minerals</b>		
Ash	5.83	%DM
Calcium	0.41	%DM
Phosphorus	0.21	%DM
Magnesium	0.19	%DM
Potassium	1.38	%DM
Sulfur	0.14	%DM
<b>Qualitative</b>		
<b>Calculations</b>		
NFC	32.26	%DM
NSC	20.13	%DM
RFV	101.32	
Adj Crude Protein	8.26	%DM
TDN_OARDC	63.18	%DM
NEL3x_OARDC	0.65	Mcal/lb
NEG_OARDC	0.37	Mcal/lb
NEM_OARDC	0.63	Mcal/lb
California_TDN_90%dry	51.00	Hay equiv, %DM

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