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Basic NIR

Client: Andrew's Hay
 Description: Skagit Orch 2W 4th
 Feed Type: Grass Hay
 Sample #: 181324

Date Tested 11/21/2023
 Reported 11/21/2023
 Sampled 11/14/2023

Nutrient	Dry Basis	
Moisture	13.42	%
Dry_Matter	86.58	%
Protein		
CP	22.30	%DM
AD-ICP	5.16	%CP
ND-ICP w/SS	21.93	%CP
Protein Sol	32.78	%CP
Fiber		
ADF	26.69	%DM
aNDF	50.36	%DM
aNDFom	45.72	%DM
Lignin (Sulfuric Acid)	2.99	%DM
Carbohydrates and Fat		
ESC(Sugar)	5.99	%DM
WSC(Sugar)	7.97	%DM
Starch	0.25	%DM
Crude Fat (EE)	4.45	%DM
Minerals		
Ash	11.29	%DM
Calcium	0.59	%DM
Phosphorus	0.40	%DM
Magnesium	0.22	%DM
Potassium	3.29	%DM
Sulfur	0.35	%DM
Qualitative		
Calculations		
NFC	22.76	%DM
NSC	8.22	%DM
RFV	125.66	
Adj Crude Protein	22.30	%DM
TDN_OARDC	63.65	%DM
NEL3x_OARDC	0.65	Mcal/lb
NEG_OARDC	0.43	Mcal/lb
NEM_OARDC	0.70	Mcal/lb
California_TDN_90%dry	56.09	Hay equiv, %DM

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