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Basic NIR

Client: Andrew's Hay
 Description: Orchard Skagit 3rd
 Feed Type: Grass Hay
 Sample #: 188255

Date Tested: 9/17/2024
 Reported: 9/17/2024
 Sampled: 9/12/2024

Nutrient	Dry Basis	
Moisture	11.55	%
Dry_Matter	88.45	%
Protein		
CP	11.14	%DM
AD-ICP	5.75	%CP
ND-ICP w/SS	34.74	%CP
Protein Sol	33.03	%CP
Fiber		
ADF	34.77	%DM
aNDF	58.44	%DM
aNDFom	55.55	%DM
Lignin (Sulfuric Acid)	3.49	%DM
Carbohydrates and Fat		
ESC(Sugar)	9.42	%DM
WSC(Sugar)	10.34	%DM
Starch	0.25	%DM
Crude Fat (EE)	3.90	%DM
Minerals		
Ash	8.41	%DM
Calcium	0.51	%DM
Phosphorus	0.28	%DM
Magnesium	0.22	%DM
Potassium	2.47	%DM
Sulfur	0.22	%DM
Qualitative		
Calculations		
NFC	26.43	%DM
NSC	10.59	%DM
RFV	98.23	
Adj Crude Protein	11.14	%DM
TDN_OARDC	62.37	%DM
NEL3x_OARDC	0.64	Mcal/lb
NEG_OARDC	0.37	Mcal/lb
NEM_OARDC	0.63	Mcal/lb
California_TDN_90%dry	50.63	Hay equiv, %DM

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