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Basic NIR

Client: Andrew's Hay
 Description: Teff Strotz Take 2 1st
 Feed Type: Grass Hay
 Sample #: 177700

Date Tested 8/8/2023
 Reported 8/8/2023
 Sampled 8/2/2023

Nutrient	Dry Basis	
Moisture	17.00	%
Dry_Matter	83.00	%
Protein		
CP	10.66	%DM
AD-ICP	1.69	%CP
ND-ICP w/SS	36.49	%CP
Protein Sol	44.18	%CP
Fiber		
ADF	31.61	%DM
aNDF	54.77	%DM
aNDFom	52.58	%DM
Lignin (Sulfuric Acid)	2.33	%DM
Carbohydrates and Fat		
ESC(Sugar)	10.99	%DM
WSC(Sugar)	14.74	%DM
Starch	4.81	%DM
Crude Fat (EE)	3.44	%DM
Minerals		
Ash	7.32	%DM
Calcium	0.22	%DM
Phosphorus	0.38	%DM
Magnesium	0.17	%DM
Potassium	2.50	%DM
Sulfur	0.12	%DM
Qualitative		
Calculations		
NFC	30.84	%DM
NSC	19.55	%DM
RFV	109.13	
Adj Crude Protein	10.66	%DM
TDN_OARDC	67.11	%DM
NEL3x_OARDC	0.69	Mcal/lb
NEG_OARDC	0.43	Mcal/lb
NEM_OARDC	0.70	Mcal/lb
California_TDN_90%dry	52.76	Hay equiv, %DM

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