



609 Franklin Ave. Sunnyside, WA 98944
 Phone: (509) 836-2020 Fax: (509) 836-2030
 www.aghealthlabs.com



Basic NIR

Client: Andrew's Hay
 Description: Teff Grews Buffalo 1st
 Feed Type: Grass Hay
 Sample #: 177699

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

Nutrient	Dry Basis	
Moisture	11.05	%
Dry_Matter	88.95	%
Protein		
CP	12.81	%DM
AD-ICP	3.36	%CP
ND-ICP w/SS	32.63	%CP
Protein Sol	40.98	%CP
Fiber		
ADF	37.45	%DM
aNDF	63.00	%DM
aNDFom	57.81	%DM
Lignin (Sulfuric Acid)	3.59	%DM
Carbohydrates and Fat		
ESC(Sugar)	7.30	%DM
WSC(Sugar)	9.75	%DM
Starch	1.44	%DM
Crude Fat (EE)	3.24	%DM
Minerals		
Ash	8.21	%DM
Calcium	0.41	%DM
Phosphorus	0.34	%DM
Magnesium	0.27	%DM
Potassium	1.65	%DM
Sulfur	0.19	%DM
Qualitative		
Calculations		
NFC	23.05	%DM
NSC	11.19	%DM
RFV	87.97	
Adj Crude Protein	12.81	%DM
TDN_OARDC	62.07	%DM
NEL3x_OARDC	0.64	Mcal/lb
NEG_OARDC	0.37	Mcal/lb
NEM_OARDC	0.64	Mcal/lb
California_TDN_90%dry	48.81	Hay equiv, %DM

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