



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-Orchard Walther 2W 2nd
 Feed Type: Mixed Hay
 Sample #: 182978

Date Tested 3/26/2024
 Reported 3/26/2024
 Sampled 3/19/2024

Nutrient	Dry Basis	
Moisture	15.55	%
Dry_Matter	84.45	%
Protein		
CP	13.28	%DM
AD-ICP	2.79	%CP
ND-ICP w/SS	28.16	%CP
Protein Sol	26.73	%CP
Fiber		
ADF	34.49	%DM
aNDF	57.21	%DM
aNDFom	54.51	%DM
Lignin (Sulfuric Acid)	2.64	%DM
Carbohydrates and Fat		
ESC(Sugar)	7.69	%DM
WSC(Sugar)	10.28	%DM
Starch	0.60	%DM
Crude Fat (EE)	3.45	%DM
Minerals		
Ash	7.63	%DM
Calcium	0.34	%DM
Phosphorus	0.36	%DM
Magnesium	0.24	%DM
Potassium	2.21	%DM
Sulfur	0.26	%DM
Qualitative		
Calculations		
NFC	25.76	%DM
NSC	10.88	%DM
RFV	100.98	
Adj Crude Protein	13.28	%DM
TDN_OARDC	65.56	%DM
NEL3x_OARDC	0.68	Mcal/lb
NEG_OARDC	0.42	Mcal/lb
NEM_OARDC	0.69	Mcal/lb
California_TDN_90%dry	50.81	Hay equiv, %DM

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