



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



Basic NIR

Client: Andrew's Hay
 Description: Prem Orchard 210 Fields 1st
 Feed Type: Grass Hay
 Sample #: 176343

Date Tested 7/3/2023
 Reported 7/3/2023
 Sampled 6/27/2023

Nutrient	Dry Basis	
Moisture	11.89	%
Dry_Matter	88.11	%
Protein		
CP	11.11	%DM
AD-ICP	3.42	%CP
ND-ICP w/SS	14.85	%CP
Protein Sol	43.20	%CP
Fiber		
ADF	32.90	%DM
aNDF	55.01	%DM
aNDFom	53.14	%DM
Lignin (Sulfuric Acid)	3.09	%DM
Carbohydrates and Fat		
ESC(Sugar)	18.63	%DM
WSC(Sugar)	19.67	%DM
Starch	2.14	%DM
Crude Fat (EE)	3.39	%DM
Minerals		
Ash	7.54	%DM
Calcium	0.20	%DM
Phosphorus	0.39	%DM
Magnesium	0.17	%DM
Potassium	3.03	%DM
Sulfur	0.15	%DM
Qualitative		
Calculations		
NFC	27.25	%DM
NSC	21.81	%DM
RFV	106.92	
Adj Crude Protein	11.11	%DM
TDN_OARDC	64.62	%DM
NEL3x_OARDC	0.67	Mcal/lb
NEG_OARDC	0.40	Mcal/lb
NEM_OARDC	0.67	Mcal/lb
California_TDN_90%dry	51.89	Hay equiv, %DM

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