



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



Basic NIR

Client: Andrew's Hay
 Description: Orchard-Fabers 2nd
 Feed Type: Grass Hay
 Sample #: 175585

Date Tested 6/12/2023
 Reported 6/12/2023
 Sampled 6/7/2023

Nutrient	Dry Basis	
Moisture	15.87	%
Dry_Matter	84.13	%
Protein		
CP	12.97	%DM
AD-ICP	3.08	%CP
ND-ICP w/SS	14.73	%CP
Protein Sol	42.64	%CP
Fiber		
ADF	31.84	%DM
aNDF	52.70	%DM
aNDFom	50.94	%DM
Lignin (Sulfuric Acid)	2.77	%DM
Carbohydrates and Fat		
ESC(Sugar)	16.24	%DM
WSC(Sugar)	16.89	%DM
Starch	1.54	%DM
Crude Fat (EE)	3.62	%DM
Minerals		
Ash	8.53	%DM
Calcium	0.27	%DM
Phosphorus	0.42	%DM
Magnesium	0.16	%DM
Potassium	3.50	%DM
Sulfur	0.17	%DM
Qualitative		
Calculations		
NFC	26.77	%DM
NSC	18.43	%DM
RFV	113.29	
TDN_OARDC	65.03	%DM
NEL3x_OARDC	0.67	Mcal/lb
NEG_OARDC	0.41	Mcal/lb
NEM_OARDC	0.68	Mcal/lb
California_TDN_90%dry	52.61	Hay equiv, %DM

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