



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



Equine Standard NIR

Client: Andrew's Hay
 Description: Regular 3rd
 Feed Type: Grass Hay
 Sample #: 169817

Date Tested 8/25/2022
 Reported 8/25/2022
 Sampled

Nutrient	Dry Basis	
Moisture	8.16	%
Dry_Matter	91.84	%
Protein		
CP	13.77	%DM
AD-ICP	3.78	%CP
ND-ICP w/SS	16.63	%CP
Protein Sol	37.84	%CP
Fiber		
ADF	33.39	%DM
aNDF	57.20	%DM
aNDFom	53.81	%DM
Lignin (Sulfuric Acid)	3.32	%DM
Carbohydrates and Fat		
ESC(Sugar)	10.70	%DM
WSC(Sugar)	11.43	%DM
Starch	0.25	%DM
Crude Fat (EE)	4.23	%DM
Total Fatty Acids (TFA)	1.75	%DM
Minerals		
Ash	9.40	%DM
Calcium	0.39	%DM
Phosphorus	0.41	%DM
Magnesium	0.18	%DM
Potassium	3.72	%DM
Sulfur	0.23	%DM
Qualitative		
Calculations		
NFC	22.56	%DM
NSC	11.68	%DM
RFV	102.38	
Adj Crude Protein	13.77	%DM
TDN_OARDC	62.43	%DM
NEL3x_OARDC	0.64	Mcal/lb
NEG_OARDC	0.38	Mcal/lb
NEM_OARDC	0.65	Mcal/lb
California_TDN_90%dry	51.56	Hay equiv, %DM
Equine_TDN	56.04	%DM
Equine_DE	1.04	Mcal/lb

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