



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: Premium 3rd
 Feed Type: Grass Hay
 Sample #: 169818

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

Nutrient	Dry Basis	
Moisture	10.59	%
Dry_Matter	89.41	%
Protein		
CP	12.91	%DM
AD-ICP	3.64	%CP
ND-ICP w/SS	18.13	%CP
Protein Sol	35.71	%CP
Fiber		
ADF	34.09	%DM
aNDF	56.28	%DM
aNDFom	52.87	%DM
Lignin (Sulfuric Acid)	3.01	%DM
Carbohydrates and Fat		
ESC(Sugar)	9.65	%DM
WSC(Sugar)	12.92	%DM
Starch	0.25	%DM
Crude Fat (EE)	4.16	%DM
Total Fatty Acids (TFA)	1.82	%DM
Minerals		
Ash	8.46	%DM
Calcium	0.32	%DM
Phosphorus	0.41	%DM
Magnesium	0.17	%DM
Potassium	3.79	%DM
Sulfur	0.21	%DM
Qualitative		
Calculations		
NFC	25.28	%DM
NSC	13.17	%DM
RFV	102.93	
Adj Crude Protein	12.91	%DM
TDN_OARDC	64.31	%DM
NEL3x_OARDC	0.66	Mcal/lb
NEG_OARDC	0.40	Mcal/lb
NEM_OARDC	0.67	Mcal/lb
California_TDN_90%dry	51.09	Hay equiv, %DM
Equine_TDN	57.84	%DM
Equine_DE	1.07	Mcal/lb

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