

NIR Plus

 Client: Gourley Farms
 Description: 2026 P-CV 1st
 Feed Type: Alfalfa Hay
 Sample #: 208499

 Date Tested 8/25/2026
 Reported 8/25/2026
 Sampled 8/18/2026

Nutrient		Dry Basis	
Moisture	50.48	%	
Dry_Matter	49.52	%	
Protein			
CP	20.71	%DM	
AD-ICP	5.36	%CP	
ND-ICP w/SS	6.76	%CP	
Protein Sol	48.67	%CP	
Fiber			
ADF	28.35	%DM	
aNDF	32.69	%DM	
aNDFom	31.29	%DM	
Lignin (Sulfuric Acid)	5.80	%DM	
NDFD12	37.62	%NDFom	
NDFD30	44.30	%NDFom	
NDFD120	48.16	%NDFom	
NDFD240	49.12	%NDFom	
uNDFom12	19.52	%DM	
uNDFom30	17.43	%DM	
uNDFom120	16.22	%DM	
uNDFom240	15.92	%DM	
Carbohydrates and Fat			
ESC(Sugar)	9.01	%DM	
WSC(Sugar)	11.30	%DM	
Starch	0.50	%DM	
Crude Fat (EE)	3.27	%DM	
Total Fatty Acids (TFA)	1.58	%DM	
16:0 Palmitic	23.42	%TFA	
18:0 Stearic	5.70	%TFA	
18:1 Oleic	3.80	%TFA	
18:2 Linoleic	17.09	%TFA	
18:3 Linolenic	48.10	%TFA	
Minerals			
Ash	12.17	%DM	
Calcium	1.73	%DM	
Phosphorus	0.30	%DM	
Magnesium	0.45	%DM	
Potassium	2.74	%DM	
Sulfur	0.31	%DM	

Qualitative
Calculations

NFC	34.65	%DM
NSC	11.80	%DM
RFV	190.13	
RFQ	188.71	
Adj Crude Protein	20.71	%DM
TDN_OARDC	61.84	%DM
NEL3x_OARDC	0.63	Mcal/lb
NEG_OARDC	0.40	Mcal/lb
NEM_OARDC	0.67	Mcal/lb
Milk/Ton_Milk2013	2962.00	lb/ton DM
DOMI_Hay Equiv	1253.00	lbs/ton
DOMI_As_Fed	689.00	lbs/ton
California_TDN_90%dry	54.97	Hay equiv, %DM
Equine_TDN	52.11	%DM
MIR_NDF_kd	8.21	%/hr
Isoleucine	3.62	%CP
Leucine	6.76	%CP
Histidine	2.08	%CP
Total_Amino_Acids	17.54	%DM