

NIR Plus

Client: Gourley Farms
 Description: GR-CV 3rd
 Feed Type: Alfalfa Hay
 Sample #: 203772

Date Tested 4/15/2026
 Reported 4/15/2026
 Sampled 4/9/2026

Nutrient	Dry Basis	
Moisture	12.71	%
Dry_Matter	87.29	%
Protein		
CP	20.67	%DM
AD-ICP	5.13	%CP
ND-ICP w/SS	7.45	%CP
Protein Sol	42.86	%CP
Fiber		
ADF	29.62	%DM
aNDF	36.89	%DM
aNDFom	34.09	%DM
Lignin (Sulfuric Acid)	5.85	%DM
NDFD12	37.28	%NDFom
NDFD30	44.59	%NDFom
NDFD120	48.58	%NDFom
NDFD240	49.49	%NDFom
uNDFom12	21.38	%DM
uNDFom30	18.89	%DM
uNDFom120	17.53	%DM
uNDFom240	17.22	%DM
Carbohydrates and Fat		
ESC(Sugar)	8.96	%DM
WSC(Sugar)	11.25	%DM
Starch	1.66	%DM
Crude Fat (EE)	2.82	%DM
Total Fatty Acids (TFA)	1.47	%DM
16:0 Palmitic	23.81	%TFA
18:0 Stearic	5.44	%TFA
18:1 Oleic	3.40	%TFA
18:2 Linoleic	15.65	%TFA
18:3 Linolenic	49.66	%TFA
Minerals		
Ash	12.54	%DM
Calcium	1.41	%DM
Phosphorus	0.35	%DM
Magnesium	0.40	%DM
Potassium	2.79	%DM
Sulfur	0.30	%DM

Qualitative

Calculations

NFC	31.77	%DM
NSC	12.91	%DM
RFV	165.99	
RFQ	161.05	
Adj Crude Protein	20.67	%DM
TDN_OARDC	60.43	%DM
NEL3x_OARDC	0.62	Mcal/lb
NEG_OARDC	0.38	Mcal/lb
NEM_OARDC	0.65	Mcal/lb
Milk/Ton_Milk2013	2800.00	lb/ton DM
DOMI_Hay Equiv	1170.00	lbs/ton
DOMI_As_Fed	1206.00	lbs/ton
California_TDN_90%dry	54.11	Hay equiv, %DM
Equine_TDN	51.24	%DM
MIR_NDF_kd	8.16	%/hr
Isoleucine	3.58	%CP
Leucine	6.43	%CP
Histidine	1.89	%CP
Total_Amino_Acids	16.94	%DM

3T-3rd Alfalfa