

NIR Plus

Client: Gourley Farms
 Description: V B Grade Valley Grass
 Feed Type: Grass Hay
 Sample #: 202749

Date Tested: 2/2/2026
 Reported: 2/2/2026
 Sampled: 1/24/2026

Nutrient	Dry Basis	
Moisture	9.60	%
Dry_Matter	90.40	%
Protein		
CP	7.10	%DM
AD-ICP	8.73	%CP
ND-ICP w/SS	18.87	%CP
Protein Sol	28.45	%CP
Fiber		
ADF	38.89	%DM
aNDF	61.95	%DM
aNDFom	60.04	%DM
Lignin (Sulfuric Acid)	4.96	%DM
NDFD12	31.06	%NDFom
NDFD30	48.83	%NDFom
NDFD120	62.71	%NDFom
NDFD240	66.06	%NDFom
uNDFom12	41.39	%DM
uNDFom30	30.72	%DM
uNDFom120	22.39	%DM
uNDFom240	20.38	%DM
Carbohydrates and Fat		
ESC(Sugar)	10.40	%DM
WSC(Sugar)	13.03	%DM
Starch	4.42	%DM
Crude Fat (EE)	2.14	%DM
Total Fatty Acids (TFA)	1.03	%DM
16:0 Palmitic	18.45	%TFA
18:0 Stearic	5.83	%TFA
18:1 Oleic	7.77	%TFA
18:2 Linoleic	15.53	%TFA
18:3 Linolenic	50.49	%TFA
Minerals		
Ash	7.26	%DM
Calcium	0.37	%DM
Phosphorus	0.22	%DM
Magnesium	0.17	%DM
Potassium	1.76	%DM
Sulfur	0.11	%DM

Qualitative

Calculations

NFC	24.91	%DM
NSC	17.45	%DM
RFV	88.00	
RFQ	85.43	
Adj Crude Protein	7.10	%DM
TDN_OARDC	58.60	%DM
NEL3x_OARDC	0.60	Mcal/lb
NEG_OARDC	0.30	Mcal/lb
NEM_OARDC	0.56	Mcal/lb
Milk/Ton_Milk2013	2564.00	lb/ton DM
California_TDN_90%dry	47.84	Hay equiv, %DM
Equine_TDN	48.14	%DM
MIR_NDF_kd	4.84	%/hr
Isoleucine	2.82	%CP
Leucine	6.62	%CP
Histidine	1.41	%CP
Total_Amino_Acids	4.97	%DM

BBV-B