

NIR Plus

 Client: Gourley Farms
 Description: A Grade Valley BB
 Feed Type: Grass Hay
 Sample #: 208200

 Date Tested: 8/18/2026
 Reported: 8/18/2026
 Sampled: 8/7/2026

Nutrient	Dry Basis	
Moisture	6.46	%
Dry_Matter	93.54	%
Protein		
CP	9.42	%DM
AD-ICP	7.96	%CP
ND-ICP w/SS	18.37	%CP
Protein Sol	39.92	%CP
Fiber		
ADF	36.87	%DM
aNDF	61.10	%DM
aNDFom	58.04	%DM
Lignin (Sulfuric Acid)	4.72	%DM
NDFD12	33.17	%NDFom
NDFD30	52.27	%NDFom
NDFD120	65.27	%NDFom
NDFD240	68.73	%NDFom
uNDFom12	38.79	%DM
uNDFom30	27.70	%DM
uNDFom120	20.16	%DM
uNDFom240	18.15	%DM
Carbohydrates and Fat		
ESC(Sugar)	11.56	%DM
WSC(Sugar)	13.55	%DM
Starch	1.94	%DM
Crude Fat (EE)	2.65	%DM
Total Fatty Acids (TFA)	1.13	%DM
16:0 Palmitic	18.58	%TFA
18:0 Stearic	5.31	%TFA
18:1 Oleic	7.08	%TFA
18:2 Linoleic	15.93	%TFA
18:3 Linolenic	51.33	%TFA
Minerals		
Ash	6.87	%DM
Calcium	0.48	%DM
Phosphorus	0.17	%DM
Magnesium	0.18	%DM
Potassium	1.76	%DM

Sulfur 0.16 %DM

Qualitative
Calculations

NFC	25.27	%DM
NSC	15.49	%DM
RFV	91.62	
RFQ	95.91	
TDN_OARDC	60.07	%DM
NEL3x_OARDC	0.61	Mcal/lb
NEG_OARDC	0.33	Mcal/lb
NEM_OARDC	0.59	Mcal/lb
Milk/Ton_Milk2013	2768.00	lb/ton DM
DOMI_Hay Equiv	1151.00	lbs/ton
DOMI_As_Fed	1196.00	lbs/ton
California_TDN_90%dry	49.20	Hay equiv, %DM
Equine_TDN	49.15	%DM
MIR_NDF_kd	5.16	%/hr
Isoleucine	2.65	%CP
Leucine	5.63	%CP
Histidine	1.38	%CP
Total_Amino_Acids	6.31	%DM