



Dairyland Laboratories
919 Lincoln Ave.
Sauk Rapids, MN 56379
Telephone: 320-240-1737
Fax: 320-240-1838
Email: info@dairylandlabs.com

Sample Date: 2024-11-12
Sample No.: 003-2411-1725873

Account No.: 953 (0)
Sampled By: Steffes Auctioneers
Sampled For: STEFFES AUCTION
Product: 4329

Test Mode: N8
Feed Type: Hay - Grass
Sub Type: Mixed

Moisture	13.51%		
Dry Matter	86.49%		
		Dry Basis	90% Range*
Crude Protein	%DM	11.53	4.95 - 16.5
AD-ICP	%DM	1.35	0.62 - 1.79
ND-ICP w/SS	%DM	3.72	1.29 - 4.68
Protein Sol.	%CP	28.97	8.61 - 48.9
ADF	%DM	43.20	31.8 - 50.2
aNDF	%DM	60.98	53.7 - 70.7
aNDFom	%DM	57.85	51.3 - 67.4
Lignin (Sulfuric Acid)	%DM	6.33	3.94 - 9.40
Lignin	%NDFom	10.94	
NDFD 30	%NDFom	36.63	39.8 - 61.4
NDFD240	%NDFom	57.29	59.9 - 76.4
uNDFom30	%DM	36.66	21.6 - 39.3
uNDFom240	%DM	24.71	13.3 - 26.0
Starch	%DM	1.71	0.25 - 7.32
Fat (EE)	%DM	2.26	1.58 - 3.71
TFA (fat)	%DM	1.02	0.49 - 2.17
Ash	%DM	12.58	6.12 - 13.0
Calcium	%DM	0.54	0.25 - 1.15
Phosphorus	%DM	0.25	0.11 - 0.35
Magnesium	%DM	0.26	0.12 - 0.33
Potassium	%DM	2.29	0.69 - 3.03
Sulfur	%DM	0.21	0.07 - 0.25
Chloride	%DM	0.60	0.07 - 0.89
Sugar (ESC)	%DM	5.16	2.16 - 10.4
Sugar (WSC)	%DM	6.33	3.29 - 12.9

*Mixed grass hay statistics provided for comparison.

NDF kd rate MIR_P1	%/hr	3.46		
		ADF	OARDC	MLK 2013
TDN		55.25	51.87	43.69
Nel 3x	Mcal/cwt	56.15	52.31	52.77
Neg	Mcal/cwt	26.84	22.77	11.34
Nem	Mcal/cwt	52.25	47.86	35.68
Milk per ton	lbs/ton			1963

Calculations

Adjusted Crude Protein	%DM	11.21
NFC	%DM	19.74
NSC	%DM	8.04
RFV		84.37
RFQ		85.51
NDF kd rate Van Amb	%/hr	2.14