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Sample Date: 2024-05-14
Sample No.: 003-2405-1448101

To: Steffes Auctioneers
 24400 MN Hwy 22 South
 Litchfield, MN 55355

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

Product: 3914

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

Moisture	14.63%		
Dry Matter	85.37%		
		Dry Basis	90% Range*
Crude Protein	%DM	20.48	13.7 - 23.9
AD-ICP	%DM	1.62	1.06 - 2.09
ND-ICP w/SS	%DM	4.03	1.47 - 4.24
Protein Sol.	%CP	38.87	26.1 - 46.1
ADF	%DM	35.92	25.8 - 41.6
aNDF	%DM	47.98	32.3 - 55.6
aNDFom	%DM	45.80	29.9 - 53.5
Lignin (Sulfuric Acid)	%DM	7.17	5.44 - 9.38
Lignin	%NDFom	15.66	
NDFD 30	%NDFom	50.83	32.1 - 54.7
NDFD240	%NDFom	59.43	43.0 - 70.7
uNDFom30	%DM	22.52	16.4 - 29.7
uNDFom240	%DM	18.58	12.2 - 28.8
Starch	%DM	1.03	0.29 - 3.75
Fat (EE)	%DM	2.44	1.88 - 3.44
TFA (fat)	%DM	1.08	0.87 - 2.47
Ash	%DM	12.41	8.88 - 13.8
Calcium	%DM	1.12	0.93 - 1.81
Phosphorus	%DM	0.37	0.24 - 0.39
Magnesium	%DM	0.29	0.23 - 0.40
Potassium	%DM	3.32	1.76 - 3.37
Sulfur	%DM	0.24	0.16 - 0.33
Chloride	%DM	0.77	0.13 - 1.12
Sugar (ESC)	%DM	4.90	3.04 - 9.57
Sugar (WSC)	%DM	5.87	3.67 - 10.5

NDF kd rate MIR_P1	%/hr	6.55		
		ADF	OARDC	MLK 2013
TDN		60.92	54.71	58.33
Nel 3x	Mcal/cwt	62.46	55.47	58.34
Neg	Mcal/cwt	31.76	30.55	35.48
Nem	Mcal/cwt	57.62	56.29	61.70
Milk per ton	lbs/ton			2559

*Mixed hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	20.48
NFC	%DM	23.26
NSC	%DM	6.90
RFV		118.06
RFQ		124.13
NDF kd rate Van Amb	%/hr	4.51