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Sample Date: 2024-04-22
Sample No.: 003-2404-1430652

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

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

Product: 4189

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

Moisture	13.94%		
Dry Matter	86.06%		
		Dry Basis	90% Range*
Crude Protein	%DM	16.49	13.7 - 23.9
AD-ICP	%DM	1.26	1.06 - 2.09
ND-ICP w/SS	%DM	2.48	1.47 - 4.24
Protein Sol.	%CP	43.06	26.1 - 46.1
ADF	%DM	40.05	25.8 - 41.6
aNDF	%DM	51.58	32.3 - 55.6
aNDFom	%DM	49.88	29.9 - 53.5
Lignin (Sulfuric Acid)	%DM	8.22	5.44 - 9.38
Lignin	%NDFom	16.48	
NDFD 30	%NDFom	46.67	32.1 - 54.7
NDFD240	%NDFom	53.25	43.0 - 70.7
uNDFom30	%DM	26.60	16.4 - 29.7
uNDFom240	%DM	23.32	12.2 - 28.8
Starch	%DM	1.54	0.29 - 3.75
Fat (EE)	%DM	2.05	1.88 - 3.44
TFA (fat)	%DM	0.97	0.87 - 2.47
Ash	%DM	9.46	8.88 - 13.8
Calcium	%DM	1.30	0.93 - 1.81
Phosphorus	%DM	0.32	0.24 - 0.39
Magnesium	%DM	0.33	0.23 - 0.40
Potassium	%DM	2.33	1.76 - 3.37
Sulfur	%DM	0.22	0.16 - 0.33
Chloride	%DM	0.42	0.13 - 1.12
Sugar (ESC)	%DM	7.81	3.04 - 9.57
Sugar (WSC)	%DM	9.52	3.67 - 10.5

NDF kd rate MIR_P1	%/hr	7.09		
		ADF	OARDC	MLK 2013
TDN		57.70	54.60	56.66
Nel 3x	Mcal/cwt	58.88	55.35	57.78
Neg	Mcal/cwt	28.86	28.79	31.67
Nem	Mcal/cwt	54.45	54.38	57.52
Milk per ton	lbs/ton			2486

*Mixed hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	16.49
NFC	%DM	24.68
NSC	%DM	11.06
RFV		104.22
RFQ		107.69
NDF kd rate Van Amb	%/hr	4.21