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Sample Date: 2024-07-16
Sample No.: 003-2407-1519535

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

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

Product: 3889

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

Moisture	17.91%		
Dry Matter	82.09%		
		Dry Basis	90% Range*
Crude Protein	%DM	17.71	13.7 - 23.9
AD-ICP	%DM	1.29	1.06 - 2.09
ND-ICP w/SS	%DM	2.73	1.47 - 4.24
Protein Sol.	%CP	36.14	26.1 - 46.1
ADF	%DM	36.71	25.8 - 41.6
aNDF	%DM	44.95	32.3 - 55.6
aNDFom	%DM	43.43	29.9 - 53.5
Lignin (Sulfuric Acid)	%DM	7.99	5.44 - 9.38
Lignin	%NDFom	18.40	
NDFD 30	%NDFom	44.74	32.1 - 54.7
NDFD240	%NDFom	51.42	43.0 - 70.7
uNDFom30	%DM	24.00	16.4 - 29.7
uNDFom240	%DM	21.10	12.2 - 28.8
Starch	%DM	1.76	0.29 - 3.75
Fat (EE)	%DM	2.34	1.88 - 3.44
TFA (fat)	%DM	1.07	0.87 - 2.47
Ash	%DM	9.75	8.88 - 13.8
Calcium	%DM	1.23	0.93 - 1.81
Phosphorus	%DM	0.32	0.24 - 0.39
Magnesium	%DM	0.28	0.23 - 0.40
Potassium	%DM	2.96	1.76 - 3.37
Sulfur	%DM	0.19	0.16 - 0.33
Chloride	%DM	0.40	0.13 - 1.12
Sugar (ESC)	%DM	8.40	3.04 - 9.57
Sugar (WSC)	%DM	9.78	3.67 - 10.5

*Mixed hay statistics provided for comparison.

NDF kd rate MIR_P1	%/hr	6.92		
		ADF	OARDC	MLK 2013
TDN		60.30	56.98	59.10
Nel 3x	Mcal/cwt	61.77	58.00	61.68
Neg	Mcal/cwt	32.16	32.50	35.37
Nem	Mcal/cwt	58.06	58.42	61.58
Milk per ton	lbs/ton			2720

Calculations

Adjusted Crude Protein	%DM	17.71
NFC	%DM	29.77
NSC	%DM	11.54
RFV		124.81
RFQ		126.25
NDF kd rate Van Amb	%/hr	4.39