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Sample Date: 2024-07-16
Sample No.: 003-2407-1519534

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

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

Product: 3882

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

Moisture	13.59%		
Dry Matter	86.41%		
		Dry Basis	90% Range*
Crude Protein	%DM	15.72	13.7 - 23.9
AD-ICP	%DM	1.18	1.06 - 2.09
ND-ICP w/SS	%DM	2.90	1.47 - 4.24
Protein Sol.	%CP	37.72	26.1 - 46.1
ADF	%DM	38.16	25.8 - 41.6
aNDF	%DM	50.34	32.3 - 55.6
aNDFom	%DM	48.79	29.9 - 53.5
Lignin (Sulfuric Acid)	%DM	7.14	5.44 - 9.38
Lignin	%NDFom	14.63	
NDFD 30	%NDFom	49.60	32.1 - 54.7
NDFD240	%NDFom	59.70	43.0 - 70.7
uNDFom30	%DM	24.59	16.4 - 29.7
uNDFom240	%DM	19.66	12.2 - 28.8
Starch	%DM	1.36	0.29 - 3.75
Fat (EE)	%DM	2.52	1.88 - 3.44
TFA (fat)	%DM	1.06	0.87 - 2.47
Ash	%DM	9.72	8.88 - 13.8
Calcium	%DM	0.91	0.93 - 1.81
Phosphorus	%DM	0.31	0.24 - 0.39
Magnesium	%DM	0.22	0.23 - 0.40
Potassium	%DM	2.99	1.76 - 3.37
Sulfur	%DM	0.18	0.16 - 0.33
Chloride	%DM	0.53	0.13 - 1.12
Sugar (ESC)	%DM	7.60	3.04 - 9.57
Sugar (WSC)	%DM	8.69	3.67 - 10.5

NDF kd rate MIR_P1	%/hr	6.02		
		ADF	OARDC	MLK 2013
TDN		59.17	56.41	58.67
Nel 3x	Mcal/cwt	60.52	57.37	59.23
Neg	Mcal/cwt	29.12	30.92	34.00
Nem	Mcal/cwt	54.74	56.70	60.07
Milk per ton	lbs/ton			2606

*Mixed hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	15.72
NFC	%DM	26.61
NSC	%DM	10.05
RFV		109.17
RFQ		118.40
NDF kd rate Van Amb	%/hr	4.14