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Sample Date: 2024-09-23
Sample No.: 003-2409-1633142

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

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

Product: 4558
Lot Name:

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

Moisture	14.36%		
Dry Matter	85.64%		
		Dry Basis	90% Range*
Crude Protein	%DM	19.83	13.7 - 23.9
AD-ICP	%DM	1.16	1.06 - 2.09
ND-ICP w/SS	%DM	4.14	1.47 - 4.24
Protein Sol.	%CP	34.49	26.1 - 46.1
ADF	%DM	29.89	25.8 - 41.6
aNDF	%DM	45.39	32.3 - 64.0
aNDFom	%DM	43.19	29.9 - 61.7
Lignin (Sulfuric Acid)	%DM	3.88	5.44 - 9.38
Lignin	%NDFom	8.98	
NDFD 30	%NDFom	63.70	32.1 - 65.8
NDFD240	%NDFom	73.95	43.0 - 76.4
uNDFom30	%DM	15.68	12.7 - 34.5
uNDFom240	%DM	11.25	10.3 - 26.7
Starch	%DM	0.25	0.29 - 3.75
Fat (EE)	%DM	3.39	1.88 - 3.44
TFA (fat)	%DM	1.52	0.87 - 2.47
Ash	%DM	11.72	8.88 - 13.8
Calcium	%DM	1.03	0.93 - 1.81
Phosphorus	%DM	0.37	0.24 - 0.39
Magnesium	%DM	0.33	0.23 - 0.40
Potassium	%DM	2.79	1.76 - 3.37
Sulfur	%DM	0.28	0.16 - 0.33
Chloride	%DM	0.55	0.13 - 1.12
Sugar (ESC)	%DM	7.30	3.04 - 9.57
Sugar (WSC)	%DM	8.15	3.67 - 10.5

*Mixed hay statistics provided for comparison.

NDF kd rate Van Amb	%/hr	4.71		
NDF kd rate MIR_P1	%/hr	6.70		
		ADF	OARDC	MLK 2013
TDN		65.62	61.86	65.86
Nel 3x	Mcal/cwt	67.70	63.44	63.94
Neg	Mcal/cwt	32.68	39.77	44.71
Nem	Mcal/cwt	58.62	66.46	71.98
Milk per ton	lbs/ton			3021

Calculations

Adjusted Crude Protein	%DM	19.83
NFC	%DM	26.88
NSC	%DM	8.40
RFV		134.29
RFQ		167.56

Comment: No Charge-Auction