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Sample Date: 2024-02-13
Sample No.: 003-2402-1368318

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

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

Product: 7667

Test Mode: N8
Feed Type: Hay - Legume
Sub Type: Alfalfa

Moisture	14.95%		
Dry Matter	85.05%		
		Dry Basis	90% Range*
Crude Protein	%DM	21.25	15.4 - 24.0
AD-ICP	%DM	1.58	1.08 - 2.13
ND-ICP w/SS	%DM	3.31	1.63 - 4.06
Protein Sol.	%CP	41.46	27.5 - 47.1
ADF	%DM	35.33	25.5 - 41.8
aNDF	%DM	44.74	31.9 - 51.8
aNDFom	%DM	43.34	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	8.09	5.84 - 9.64
Lignin	%NDFom	18.67	
NDFD 30	%NDFom	37.82	31.3 - 48.1
NDFD240	%NDFom	43.26	41.5 - 61.9
uNDFom30	%DM	26.95	16.5 - 29.5
uNDFom240	%DM	24.59	13.0 - 27.8
Starch	%DM	1.22	0.28 - 3.74
Fat (EE)	%DM	2.01	1.77 - 3.35
TFA (fat)	%DM	1.08	0.81 - 2.33
Ash	%DM	10.67	9.15 - 13.8
Calcium	%DM	1.29	1.19 - 1.84
Phosphorus	%DM	0.34	0.23 - 0.39
Magnesium	%DM	0.29	0.25 - 0.41
Potassium	%DM	3.19	1.83 - 3.36
Sulfur	%DM	0.27	0.17 - 0.33
Chloride	%DM	0.43	0.16 - 1.13
Sugar (ESC)	%DM	3.17	2.71 - 9.16
Sugar (WSC)	%DM	5.96	3.32 - 10.2

NDF kd rate MIR_P1	%/hr	7.03		
		ADF	OARDC	MLK 2013
TDN		61.38	55.95	55.64
Nel 3x	Mcal/cwt	62.98	56.85	58.43
Neg	Mcal/cwt	34.12	32.54	32.28
Nem	Mcal/cwt	60.21	58.47	58.18
Milk per ton	lbs/ton			2473

*Alfalfa hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	21.25
NFC	%DM	25.97
NSC	%DM	7.18
RFV		127.52
RFQ		110.63
NDF kd rate Van Amb	%/hr	3.27