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Sample Date: 2024-04-09
Sample No.: 003-2404-1419918

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

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

Product: 4162

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

Moisture	14.65%		
Dry Matter	85.35%		
		Dry Basis	90% Range*
Crude Protein	%DM	23.35	15.4 - 24.0
AD-ICP	%DM	1.13	1.08 - 2.13
ND-ICP w/SS	%DM	3.26	1.63 - 4.06
Protein Sol.	%CP	37.73	27.5 - 47.1
ADF	%DM	25.92	25.5 - 41.8
aNDF	%DM	32.76	31.9 - 51.8
aNDFom	%DM	31.15	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	5.56	5.84 - 9.64
Lignin	%NDFom	17.85	
NDFD 30	%NDFom	42.44	31.3 - 48.1
NDFD240	%NDFom	47.87	41.5 - 61.9
uNDFom30	%DM	17.93	16.5 - 29.5
uNDFom240	%DM	16.24	13.0 - 27.8
Starch	%DM	1.40	0.28 - 3.74
Fat (EE)	%DM	2.81	1.77 - 3.35
TFA (fat)	%DM	1.46	0.81 - 2.33
Ash	%DM	10.21	9.15 - 13.8
Calcium	%DM	1.35	1.19 - 1.84
Phosphorus	%DM	0.35	0.23 - 0.39
Magnesium	%DM	0.34	0.25 - 0.41
Potassium	%DM	2.85	1.83 - 3.36
Sulfur	%DM	0.30	0.17 - 0.33
Chloride	%DM	0.48	0.16 - 1.13
Sugar (ESC)	%DM	7.17	2.71 - 9.16
Sugar (WSC)	%DM	9.32	3.32 - 10.2

*Alfalfa hay statistics provided for comparison.

NDF kd rate MIR_P1	%/hr	7.38		
		ADF	OARDC	MLK 2013
TDN		68.71	64.62	65.05
Nel 3x	Mcal/cwt	71.14	66.51	69.09
Neg	Mcal/cwt	40.16	44.65	45.05
Nem	Mcal/cwt	66.89	71.92	72.36
Milk per ton	lbs/ton			3205

Calculations

Adjusted Crude Protein	%DM	23.35
NFC	%DM	36.09
NSC	%DM	10.72
RFV		194.94
RFQ		187.41
NDF kd rate Van Amb	%/hr	3.66