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Sample Date: 2024-07-16
Sample No.: 003-2407-1519541

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

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

Product: 3897

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

Moisture	15.63%		
Dry Matter	84.37%		
		Dry Basis	90% Range*
Crude Protein	%DM	20.11	15.4 - 24.0
AD-ICP	%DM	1.41	1.08 - 2.13
ND-ICP w/SS	%DM	3.56	1.63 - 4.06
Protein Sol.	%CP	38.84	27.5 - 47.1
ADF	%DM	35.90	25.5 - 41.8
aNDF	%DM	45.42	31.9 - 51.8
aNDFom	%DM	43.23	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	7.89	5.84 - 9.64
Lignin	%NDFom	18.25	
NDFD 30	%NDFom	40.11	31.3 - 48.1
NDFD240	%NDFom	45.76	41.5 - 61.9
uNDFom30	%DM	25.89	16.5 - 29.5
uNDFom240	%DM	23.45	13.0 - 27.8
Starch	%DM	1.03	0.28 - 3.74
Fat (EE)	%DM	2.25	1.77 - 3.35
TFA (fat)	%DM	1.10	0.81 - 2.33
Ash	%DM	10.64	9.15 - 13.8
Calcium	%DM	1.16	1.19 - 1.84
Phosphorus	%DM	0.36	0.23 - 0.39
Magnesium	%DM	0.29	0.25 - 0.41
Potassium	%DM	2.74	1.83 - 3.36
Sulfur	%DM	0.21	0.17 - 0.33
Chloride	%DM	0.37	0.16 - 1.13
Sugar (ESC)	%DM	4.99	2.71 - 9.16
Sugar (WSC)	%DM	7.66	3.32 - 10.2

*Alfalfa hay statistics provided for comparison.

NDF kd rate MIR_P1		%/hr	7.09		
			ADF	OARDC	MLK 2013
TDN			60.93	56.53	56.87
Nel 3x	Mcal/cwt	62.48	57.50		59.23
Neg	Mcal/cwt	33.44	32.89		33.43
Nem	Mcal/cwt	59.46	58.86		59.45
Milk per ton	lbs/ton				2547

Calculations

Adjusted Crude Protein	%DM	20.11
NFC	%DM	27.48
NSC	%DM	8.69
RFV		124.69
RFQ		113.17
NDF kd rate Van Amb	%/hr	3.49