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Sample Date: 2024-11-12
Sample No.: 003-2411-1725859

Account No.: 953 (0)
Sampled By: Steffes Auctioneers
Sampled For: STEFFES AUCTION
Product: 4314

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

Moisture	14.72%		
Dry Matter	85.28%		
		Dry	90% Range*
		Basis	
Crude Protein	%DM	17.80	15.4 - 24.0
AD-ICP	%DM	2.19	1.08 - 2.13
ND-ICP w/SS	%DM	3.91	1.63 - 4.06
Protein Sol.	%CP	27.13	27.5 - 47.1
ADF	%DM	46.92	25.5 - 41.8
aNDF	%DM	57.59	29.6 - 51.8
aNDFom	%DM	54.68	27.3 - 48.5
Lignin (Sulfuric Acid)	%DM	10.17	5.84 - 9.64
Lignin	%NDFom	18.60	
NDFD 30	%NDFom	37.23	31.3 - 58.2
NDFD240	%NDFom	42.45	41.3 - 62.1
uNDFom30	%DM	34.32	12.3 - 29.5
uNDFom240	%DM	31.47	11.2 - 26.7
Starch	%DM	1.41	0.28 - 3.74
Fat (EE)	%DM	1.91	1.77 - 3.35
TFA (fat)	%DM	0.87	0.81 - 2.33
Ash	%DM	10.00	9.15 - 13.8
Calcium	%DM	1.16	1.19 - 1.84
Phosphorus	%DM	0.34	0.23 - 0.39
Magnesium	%DM	0.25	0.25 - 0.41
Potassium	%DM	2.74	1.83 - 3.36
Sulfur	%DM	0.20	0.17 - 0.33
Chloride	%DM	0.15	0.16 - 1.13
Sugar (ESC)	%DM	2.50	2.71 - 9.16
Sugar (WSC)	%DM	3.70	3.32 - 10.2

*Alfalfa hay statistics provided for comparison.

NDF kd rate MIR_P1	%/hr	7.11		
		ADF	OARDC	MLK 2013
TDN		52.35	49.45	49.43
Nel 3x	Mcal/cwt	52.92	49.61	51.08
Neg	Mcal/cwt	27.51	21.87	22.41
Nem	Mcal/cwt	52.98	46.89	47.47
Milk per ton	lbs/ton			1993

Calculations

Adjusted Crude Protein	%DM	17.14
NFC	%DM	19.56
NSC	%DM	5.11
RFV		84.41
RFQ		72.21
NDF kd rate Van Amb	%/hr	3.19