



Dairyland Laboratories
 919 Lincoln Ave.
 Sauk Rapids, MN 56379
Telephone: 320-240-1737
Fax: 320-240-1838
Email: info@dairylandlabs.com

Sample Date: 2024-04-08
Sample No.: 003-2404-1419171

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

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

Product: 4152

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

Moisture	15.75%		
Dry Matter	84.25%		
		Dry Basis	90% Range*
Crude Protein	%DM	19.08	15.4 - 24.0
AD-ICP	%DM	1.15	1.08 - 2.13
ND-ICP w/SS	%DM	2.68	1.63 - 4.06
Protein Sol.	%CP	42.19	27.5 - 47.1
ADF	%DM	33.24	25.5 - 41.8
aNDF	%DM	42.72	31.9 - 51.8
aNDFom	%DM	40.51	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	6.16	5.84 - 9.64
Lignin	%NDFom	15.21	
NDFD 30	%NDFom	42.80	31.3 - 48.1
NDFD240	%NDFom	48.24	41.5 - 61.9
uNDFom30	%DM	23.17	16.5 - 29.5
uNDFom240	%DM	20.97	13.0 - 27.8
Starch	%DM	0.25	0.28 - 3.74
Fat (EE)	%DM	2.73	1.77 - 3.35
TFA (fat)	%DM	1.17	0.81 - 2.33
Ash	%DM	11.35	9.15 - 13.8
Calcium	%DM	1.37	1.19 - 1.84
Phosphorus	%DM	0.33	0.23 - 0.39
Magnesium	%DM	0.37	0.25 - 0.41
Potassium	%DM	2.22	1.83 - 3.36
Sulfur	%DM	0.29	0.17 - 0.33
Chloride	%DM	0.75	0.16 - 1.13
Sugar (ESC)	%DM	7.24	2.71 - 9.16
Sugar (WSC)	%DM	8.16	3.32 - 10.2

NDF kd rate MIR_P1	%/hr	7.40		
		ADF	OARDC	MLK 2013
TDN		63.01	58.95	58.39
Nel 3x	Mcal/cwt	64.79	60.19	60.25
Neg	Mcal/cwt	34.29	35.72	35.00
Nem	Mcal/cwt	60.39	61.97	61.18
Milk per ton	lbs/ton			2638

*Alfalfa hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	19.08
NFC	%DM	29.57
NSC	%DM	8.41
RFV		137.25
RFQ		127.53
NDF kd rate Van Amb	%/hr	3.29