



Dairyland Laboratories  
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**Sample Date:** 2024-04-23  
**Sample No.:** 003-2404-1431340

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

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

**Product:** 3912

**Test Mode:** N8  
**Feed Type:** Hay - Mixed  
**Sub Type:** Mixed

Moisture	14.54%		
Dry Matter	85.46%		
		<b>Dry Basis</b>	<b>90% Range*</b>
Crude Protein	%DM	16.76	13.7 - 23.9
AD-ICP	%DM	1.32	1.06 - 2.09
ND-ICP w/SS	%DM	2.46	1.47 - 4.24
Protein Sol.	%CP	43.44	26.1 - 46.1
ADF	%DM	41.65	25.8 - 41.6
aNDF	%DM	52.18	32.3 - 55.6
aNDFom	%DM	50.47	29.9 - 53.5
Lignin (Sulfuric Acid)	%DM	8.50	5.44 - 9.38
Lignin	%NDFom	16.84	
NDFD 30	%NDFom	42.14	32.1 - 54.7
NDFD240	%NDFom	51.65	43.0 - 70.7
uNDFom30	%DM	29.20	16.4 - 29.7
uNDFom240	%DM	24.40	12.2 - 28.8
Starch	%DM	1.68	0.29 - 3.75
Fat (EE)	%DM	2.07	1.88 - 3.44
TFA (fat)	%DM	1.00	0.87 - 2.47
Ash	%DM	10.00	8.88 - 13.8
Calcium	%DM	1.15	0.93 - 1.81
Phosphorus	%DM	0.30	0.24 - 0.39
Magnesium	%DM	0.25	0.23 - 0.40
Potassium	%DM	2.94	1.76 - 3.37
Sulfur	%DM	0.21	0.16 - 0.33
Chloride	%DM	0.26	0.13 - 1.12
Sugar (ESC)	%DM	6.52	3.04 - 9.57
Sugar (WSC)	%DM	7.82	3.67 - 10.5

NDF kd rate MIR_P1	%/hr	5.74		
		<b>ADF</b>	<b>OARDC</b>	<b>MLK 2013</b>
TDN		56.45	53.49	53.67
Nel 3x	Mcal/cwt	57.49	54.11	55.75
Neg	Mcal/cwt	28.68	27.39	27.79
Nem	Mcal/cwt	54.26	52.85	53.29
Milk per ton	lbs/ton			2313

\*Mixed hay statistics provided for comparison.

**Calculations**

Adjusted Crude Protein	%DM	16.76
NFC	%DM	23.23
NSC	%DM	9.50
RFV		100.65
RFQ		94.89
NDF kd rate Van Amb	%/hr	3.59