



Dairyland Laboratories  
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**Sample Date:** 2024-04-22  
**Sample No.:** 003-2404-1430654

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

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

**Product:** 3910

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

Moisture	11.77%		
Dry Matter	88.23%		
		<b>Dry Basis</b>	<b>90% Range*</b>
Crude Protein	%DM	13.11	4.95 - 16.5
AD-ICP	%DM	1.01	0.62 - 1.79
ND-ICP w/SS	%DM	3.66	1.29 - 4.68
Protein Sol.	%CP	41.57	8.61 - 48.9
ADF	%DM	35.48	31.8 - 50.2
aNDF	%DM	51.56	48.2 - 72.7
aNDFom	%DM	49.04	43.0 - 68.9
Lignin (Sulfuric Acid)	%DM	4.22	3.94 - 9.40
Lignin	%NDFom	8.61	
NDFD 30	%NDFom	50.69	36.2 - 65.5
NDFD240	%NDFom	65.42	52.4 - 80.6
uNDFom30	%DM	24.18	14.7 - 40.9
uNDFom240	%DM	16.96	10.3 - 30.4
Starch	%DM	1.55	0.25 - 7.32
Fat (EE)	%DM	3.51	1.58 - 3.71
TFA (fat)	%DM	1.37	0.49 - 2.17
Ash	%DM	11.52	6.12 - 13.0
Calcium	%DM	0.72	0.25 - 1.15
Phosphorus	%DM	0.21	0.11 - 0.35
Magnesium	%DM	0.30	0.12 - 0.33
Potassium	%DM	2.10	0.69 - 3.03
Sulfur	%DM	0.26	0.07 - 0.25
Chloride	%DM	0.70	0.07 - 0.89
Sugar (ESC)	%DM	9.63	2.16 - 10.4
Sugar (WSC)	%DM	10.94	3.29 - 12.9

NDF kd rate MIR_P1	%/hr	5.06		
		<b>ADF</b>	<b>OARDC</b>	<b>MLK 2013</b>
TDN		61.26	59.54	56.59
Nel 3x	Mcal/cwt	62.84	60.85	62.56
Neg	Mcal/cwt	31.21	34.00	30.21
Nem	Mcal/cwt	57.01	60.08	55.93
Milk per ton	lbs/ton			2748

\*Mixed grass hay statistics provided for comparison.

**Calculations**

Adjusted Crude Protein	%DM	13.11
NFC	%DM	27.62
NSC	%DM	12.49
RFV		110.65
RFQ		133.99
NDF kd rate Van Amb	%/hr	3.10