



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

**Sample Date:** 2024-04-09  
**Sample No.:** 003-2404-1420097

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

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

**Product:** 7672

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

Moisture	14.49%		
Dry Matter	85.51%		
		<b>Dry Basis</b>	<b>90% Range*</b>
Crude Protein	%DM	13.85	13.7 - 23.9
AD-ICP	%DM	0.92	1.06 - 2.09
ND-ICP w/SS	%DM	2.72	1.47 - 4.24
Protein Sol.	%CP	40.07	26.1 - 46.1
ADF	%DM	34.76	25.8 - 41.6
aNDF	%DM	49.55	32.3 - 55.6
aNDFom	%DM	47.71	29.9 - 53.5
Lignin (Sulfuric Acid)	%DM	5.70	5.44 - 9.38
Lignin	%NDFom	11.95	
NDFD 30	%NDFom	50.64	32.1 - 54.7
NDFD240	%NDFom	60.51	43.0 - 70.7
uNDFom30	%DM	23.55	16.4 - 29.7
uNDFom240	%DM	18.84	12.2 - 28.8
Starch	%DM	3.43	0.29 - 3.75
Fat (EE)	%DM	2.69	1.88 - 3.44
TFA (fat)	%DM	1.15	0.87 - 2.47
Ash	%DM	8.96	8.88 - 13.8
Calcium	%DM	0.94	0.93 - 1.81
Phosphorus	%DM	0.29	0.24 - 0.39
Magnesium	%DM	0.23	0.23 - 0.40
Potassium	%DM	2.83	1.76 - 3.37
Sulfur	%DM	0.18	0.16 - 0.33
Chloride	%DM	0.66	0.13 - 1.12
Sugar (ESC)	%DM	11.83	3.04 - 9.57
Sugar (WSC)	%DM	12.45	3.67 - 10.5

NDF kd rate MIR_P1	%/hr	6.15		
		<b>ADF</b>	<b>OARDC</b>	<b>MLK 2013</b>
TDN		61.82	59.78	60.52
Nel 3x	Mcal/cwt	63.47	61.12	61.30
Neg	Mcal/cwt	28.84	34.66	35.65
Nem	Mcal/cwt	54.43	60.80	61.89
Milk per ton	lbs/ton			2748

\*Mixed hay statistics provided for comparison.

**Calculations**

Adjusted Crude Protein	%DM	13.85
NFC	%DM	30.05
NSC	%DM	15.88
RFV		115.97
RFQ		124.84
NDF kd rate Van Amb	%/hr	3.67