



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

**Sample Date:** 2024-02-12  
**Sample No.:** 003-2402-1367471

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

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

**Product:** 3963

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

Moisture	22.29%		
Dry Matter	77.71%		
		<b>Dry Basis</b>	<b>90% Range*</b>
Crude Protein	%DM	20.59	15.4 - 24.0
AD-ICP	%DM	1.16	1.08 - 2.13
ND-ICP w/SS	%DM	3.02	1.63 - 4.06
Protein Sol.	%CP	41.38	27.5 - 47.1
ADF	%DM	32.67	25.5 - 41.8
aNDF	%DM	41.37	31.9 - 51.8
aNDFom	%DM	40.14	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	6.53	5.84 - 9.64
Lignin	%NDFom	16.27	
NDFD 30	%NDFom	36.97	31.3 - 48.1
NDFD240	%NDFom	43.57	41.5 - 61.9
uNDFom30	%DM	25.30	16.5 - 29.5
uNDFom240	%DM	22.65	13.0 - 27.8
Starch	%DM	0.25	0.28 - 3.74
Fat (EE)	%DM	2.56	1.77 - 3.35
TFA (fat)	%DM	1.19	0.81 - 2.33
Ash	%DM	9.04	9.15 - 13.8
Calcium	%DM	1.41	1.19 - 1.84
Phosphorus	%DM	0.34	0.23 - 0.39
Magnesium	%DM	0.38	0.25 - 0.41
Potassium	%DM	1.83	1.83 - 3.36
Sulfur	%DM	0.29	0.17 - 0.33
Chloride	%DM	0.65	0.16 - 1.13
Sugar (ESC)	%DM	7.10	2.71 - 9.16
Sugar (WSC)	%DM	9.43	3.32 - 10.2

NDF kd rate MIR_P1	%/hr	6.40		
		<b>ADF</b>	<b>OARDC</b>	<b>MLK 2013</b>
TDN	%DM	63.45	61.02	58.84
Nel 3x	Mcal/cwt	65.28	62.50	62.83
Neg	Mcal/cwt	35.38	39.00	36.19
Nem	Mcal/cwt	61.59	65.60	62.49
Milk per ton	lbs/ton			2748

\*Alfalfa hay statistics provided for comparison.

**Calculations**

Adjusted Crude Protein	%DM	20.59
NFC	%DM	31.06
NSC	%DM	9.68
RFV		142.64
RFQ		126.25
NDF kd rate Van Amb	%/hr	2.75