



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

**Sample Date:** 2024-05-14  
**Sample No.:** 003-2405-1448110

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

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

**Product:** 3924

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

Moisture	10.22%		
Dry Matter	89.78%		
		<b>Dry Basis</b>	<b>90% Range*</b>
Crude Protein	%DM	17.71	15.4 - 24.0
AD-ICP	%DM	1.25	1.08 - 2.13
ND-ICP w/SS	%DM	2.93	1.63 - 4.06
Protein Sol.	%CP	34.95	27.5 - 47.1
ADF	%DM	31.32	25.5 - 41.8
aNDF	%DM	40.55	31.9 - 51.8
aNDFom	%DM	38.82	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	7.10	5.84 - 9.64
Lignin	%NDFom	18.29	
NDFD 30	%NDFom	38.49	31.3 - 48.1
NDFD240	%NDFom	44.02	41.5 - 61.9
uNDFom30	%DM	23.88	16.5 - 29.5
uNDFom240	%DM	21.73	13.0 - 27.8
Starch	%DM	3.24	0.28 - 3.74
Fat (EE)	%DM	2.47	1.77 - 3.35
TFA (fat)	%DM	1.23	0.81 - 2.33
Ash	%DM	9.25	9.15 - 13.8
Calcium	%DM	1.38	1.19 - 1.84
Phosphorus	%DM	0.28	0.23 - 0.39
Magnesium	%DM	0.32	0.25 - 0.41
Potassium	%DM	2.28	1.83 - 3.36
Sulfur	%DM	0.21	0.17 - 0.33
Chloride	%DM	0.28	0.16 - 1.13
Sugar (ESC)	%DM	6.55	2.71 - 9.16
Sugar (WSC)	%DM	9.35	3.32 - 10.2

NDF kd rate MIR_P1	%/hr	7.03		
		<b>ADF</b>	<b>OARDC</b>	<b>MLK 2013</b>
TDN		64.50	60.44	60.12
Nel 3x	Mcal/cwt	66.45	61.85	63.96
Neg	Mcal/cwt	34.78	37.01	36.69
Nem	Mcal/cwt	60.93	63.39	63.04
Milk per ton	lbs/ton			2836

\*Alfalfa hay statistics provided for comparison.

**Calculations**

Adjusted Crude Protein	%DM	17.71
NFC	%DM	34.92
NSC	%DM	12.59
RFV		148.00
RFQ		133.23
NDF kd rate Van Amb	%/hr	3.29