



Dairyland Laboratories  
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**Sample Date:** 2024-05-14  
**Sample No.:** 003-2405-1448107

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

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

**Product:** 3921

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

Moisture	13.05%		
Dry Matter	86.95%		
		<b>Dry Basis</b>	<b>90% Range*</b>
Crude Protein	%DM	20.65	15.4 - 24.0
AD-ICP	%DM	1.39	1.08 - 2.13
ND-ICP w/SS	%DM	2.84	1.63 - 4.06
Protein Sol.	%CP	44.89	27.5 - 47.1
ADF	%DM	35.52	25.5 - 41.8
aNDF	%DM	43.80	31.9 - 51.8
aNDFom	%DM	42.56	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	7.75	5.84 - 9.64
Lignin	%NDFom	18.21	
NDFD 30	%NDFom	42.58	31.3 - 48.1
NDFD240	%NDFom	47.89	41.5 - 61.9
uNDFom30	%DM	24.44	16.5 - 29.5
uNDFom240	%DM	22.18	13.0 - 27.8
Starch	%DM	1.13	0.28 - 3.74
Fat (EE)	%DM	2.10	1.77 - 3.35
TFA (fat)	%DM	0.94	0.81 - 2.33
Ash	%DM	10.73	9.15 - 13.8
Calcium	%DM	1.45	1.19 - 1.84
Phosphorus	%DM	0.33	0.23 - 0.39
Magnesium	%DM	0.29	0.25 - 0.41
Potassium	%DM	3.12	1.83 - 3.36
Sulfur	%DM	0.23	0.17 - 0.33
Chloride	%DM	0.22	0.16 - 1.13
Sugar (ESC)	%DM	2.92	2.71 - 9.16
Sugar (WSC)	%DM	5.96	3.32 - 10.2

NDF kd rate MIR_P1	%/hr	7.45		
		<b>ADF</b>	<b>OARDC</b>	<b>MLK 2013</b>
TDN		61.23	56.43	57.51
Nel 3x	Mcal/cwt	62.81	57.39	59.19
Neg	Mcal/cwt	34.33	33.00	34.47
Nem	Mcal/cwt	60.44	58.97	60.59
Milk per ton	lbs/ton			2567

\*Alfalfa hay statistics provided for comparison.

**Calculations**

Adjusted Crude Protein	%DM	20.65
NFC	%DM	26.96
NSC	%DM	7.09
RFV		130.05
RFQ		123.51
NDF kd rate Van Amb	%/hr	3.93