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Sample Date: 2025-08-05
Sample No.: 008-2508-2012787
Reference: 20253300

Account No.: 309 (12)
Sampled By: Sure Crop Feeds-John
Sampled For: BLACK ISLE FARMS
Product: Grass/Alfalfa F2225

Test Mode: N3
Feed Type: Hay - Mixed
Sub Type: Mixed

Moisture 10.54%
 Dry Matter 89.46%

Chloride %DM 0.55 0.13 - 1.12
 *Mixed hay statistics provided for comparison.

		<u>Dry Basis</u>	<u>90% Range*</u>
Crude Protein	%DM	14.75	13.7 - 23.9
AD-ICP	%CP	4.82	5.24 - 11.5
ND-ICP w/SS	%CP	22.44	
Protein Sol.	%CP	36.68	26.1 - 46.1
Total Amino Acids	%CP	83.25	64.1 - 79.8
Lysine	%CP	4.68	3.44 - 4.63
Methionine	%CP	1.63	1.35 - 1.74
Isoleucine	%CP	3.73	2.63 - 3.55
Leucine	%CP	7.32	5.08 - 7.24
Histidine	%CP	1.76	1.25 - 1.70
ADF	%DM	34.91	25.8 - 41.6
aNDFom	%DM	50.17	29.9 - 61.7
Lignin	%DM	4.42	5.44 - 9.38
NDFD12	%NDFom	46.58	21.0 - 49.7
NDFD 30	%NDFom	64.52	32.1 - 65.8
NDFD 120	%NDFom	72.39	41.1 - 75.9
NDFD240	%NDFom	74.29	43.0 - 76.4
uNDFom240	%DM	12.90	10.3 - 26.7
Sugar (ESC)	%DM	7.45	3.04 - 9.57
Sugar (WSC)	%DM	9.37	3.67 - 10.5
Starch	%DM	0.25	0.29 - 3.75
Fat (EE)	%DM	3.32	1.88 - 3.44
TFA	%EE	43.98	
16:0 Palmitic	%TFA	20.55	22.7 - 40.0
18:0 Stearic	%TFA	3.42	4.68 - 8.86
18:1 Oleic	%TFA	6.16	3.89 - 11.4
18:2 Linoleic	%TFA	13.01	11.4 - 22.4
18:3 Linolenic	%TFA	54.79	18.8 - 50.4
Ash	%DM	11.77	8.88 - 13.8
Calcium	%DM	0.42	0.93 - 1.81
Phosphorus	%DM	0.40	0.24 - 0.39
Magnesium	%DM	0.19	0.23 - 0.40
Potassium	%DM	3.94	1.76 - 3.37
Sulfur	%DM	0.20	0.16 - 0.33

Calculations

NFC	%DM	24.16
RFV		108.59
RFQ		143.19
MLK 2013		
TDN		63.68
Nel 3x	Mcal/kg	1.31
Milk per ton	kg/tonne	1372