



Denele Analytical, Inc.

Environmental and Agricultural Analysis

ELAP Certificate No.: 2714

Alfalfa Hay

Customer:

Lab Number:
Customer Sample:
Analysis Time:

Quick Summary on 90% Basis			
DM	PRO	TDN	ADF
88.66	18.59	56.77	23.12

Submitted By:
Grower:



This is a summary of the most important values at the standard 90% dry basis

These values indicate what was observed when the sample was analyzed at the state in which the sample was received

AS RECEIVED BASIS	
ADF, %	22.78
DM, %	88.66
PROTEIN, %	18.31
CA, %	1.27
K, %	0.64
MG, %	0.37
NDF, %	29.81
P, %	0.27
IVTDMD24, %	67.26
IVTDMD30, %	69.37
IVTDMD48, %	75.24
NDFD24, %	32.88
NDFD30, %	37.41
NDFD48, %	46.24
ACETIC, %	0.51
ADICP, %	0.92
ASH, %	5.33
CHL, %	0.96
FAT, %	2.02
LACTIC, %	1.08
LIGNIN, %	3.92
NA, %	0.43
NDICP, %	3.38
NH4, %	-0.31
S, %	0.27
SIMPLE_SUGARS, %	5.95
SOL_CARBO, %	9.50
SOL_PROTEIN, %	37.52
STARCH, %	3.10
TDN, %	55.92
CU, ppm	4.60
FE, ppm	121.38
MN, ppm	4.39
ZN, ppm	6.76

90% DRY BASIS	
ADF, %	23.12
DM, %	90.00
PROTEIN, %	18.59
CA, %	1.29
K, %	0.65
MG, %	0.38
NDF, %	30.26
P, %	0.27
IVTDMD24, %	68.27
IVTDMD30, %	70.42
IVTDMD48, %	76.37
NDFD24, %	33.38
NDFD30, %	37.98
NDFD48, %	46.94
ACETIC, %	0.51
ADICP, %	0.94
ASH, %	5.41
CHL, %	0.97
FAT, %	2.05
LACTIC, %	1.10
LIGNIN, %	3.98
NA, %	0.44
NDICP, %	3.43
NH4, %	-0.32
S, %	0.27
SIMPLE_SUGARS, %	6.04
SOL_CARBO, %	9.64
SOL_PROTEIN, %	38.09
STARCH, %	3.15
TDN, %	56.77
CU, ppm	4.67
FE, ppm	123.21
MN, ppm	4.46
ZN, ppm	6.86

100% DRY BASIS	
ADF, %	25.69
DM, %	100.00
PROTEIN, %	20.65
CA, %	1.43
K, %	0.72
MG, %	0.42
NDF, %	33.62
P, %	0.30
IVTDMD24, %	75.86
IVTDMD30, %	78.24
IVTDMD48, %	84.86
NDFD24, %	37.09
NDFD30, %	42.20
NDFD48, %	52.15
ACETIC, %	0.57
ADICP, %	1.04
ASH, %	6.01
CHL, %	1.08
FAT, %	2.26
LACTIC, %	1.22
LIGNIN, %	4.42
NA, %	0.49
NDICP, %	3.81
NH4, %	-0.35
S, %	0.30
SIMPLE_SUGARS, %	6.71
SOL_CARBO, %	10.71
SOL_PROTEIN, %	42.32
STARCH, %	3.50
TDN, %	63.08
CU, ppm	5.19
FE, ppm	136.90
MN, ppm	4.95
ZN, ppm	7.62

All of these values are for what is found at a 90% dry basis

These values are for an 100% dry basis

The dietary cation anion difference number is a calculation using Na, K, Cl, and S. A higher number is better for milk production but a lower number is better for health

The Net Energy of Lactation tells you the amount of energy in a feed that is available for milk production and body maintenance

DCAD, meq	-90.48
NE / LACT, MCAL/LB	0.65
RFV	190.61

The Relative Feed Value is used to compare the quality of forages relative to the feed value of full bloom. In this case, it is depicting alfalfa

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