



# Denele Analytical, Inc.

Environmental and Agricultural Analysis

ELAP Certificate No.: 2714



DATE PROCESSED: 10/18/2011

SAMPLE NUMBER: 753143A      SAMPLE: Alfalfa Haylage, NIR Plus Analysis  
SAMPLE ID: 5-11-NW

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Fallon, NV 89406

### ANALYSIS

	AS RECEIVED BASIS -----	90% DRY BASIS -----	100% DRY BASIS -----
MOISTURE, %	67.3	10.0	0.0
DRY MATTER, %	32.7	90.0	100.0
CRUDE PROTEIN, %	7.3	20.2	22.4
HEAT DAMAGED PROTEIN, %	0.5	1.4	1.5
ACID DET. FIBER, %	9.0	24.8	27.6
NEUT. DET. FIBER, %	12.1	33.4	37.1
LIGNIN, %	2.0	5.4	6.0
TDN, %	20.13	55.48	61.64
NE/LACT, MCAL/LB	0.21	0.57	0.63
	RFV	169	
MINERALS			
Calcium%	0.55	1.51	1.68
Phosphorus%	0.11	0.29	0.32
Magnesium%	0.10	0.29	0.32
Potassium%	1.01	2.79	3.10

#### Quick Summary on 90% Basis

DM	PRO	TDN	ADF
32.7	20.2	55.48	24.8

\*\*TDN IS CALCULATED USING ADF AND THE WESTERN ALFALFA EQUATION.

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