



# Denele Analytical, Inc.

Environmental and Agricultural Analysis

ELAP Certificate No.: 2714



DATE PROCESSED: 10/18/2011

SAMPLE NUMBER: 753143B      SAMPLE: Alfalfa Haylage, NIR Plus Analysis  
SAMPLE ID: 5-11-SW

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Fallon, NV 89406

### ANALYSIS

	AS RECEIVED BASIS -----	90% DRY BASIS -----	100% DRY BASIS -----
MOISTURE, %	63.3	10.0	0.0
DRY MATTER, %	36.7	90.0	100.0
CRUDE PROTEIN, %	8.4	20.5	22.8
HEAT DAMAGED PROTEIN, %	0.6	1.4	1.6
ACID DET. FIBER, %	9.8	24.0	26.7
NEUT. DET. FIBER, %	13.8	33.9	37.7
LIGNIN, %	2.3	5.6	6.3
TDN, %	22.88	56.08	62.31
NE/LACT, MCAL/LB	0.23	0.57	0.64
	RFV	168	
MINERALS			
Calcium%	0.64	1.57	1.75
Phosphorus%	0.11	0.27	0.30
Magnesium%	0.12	0.30	0.34
Potassium%	0.89	2.18	2.42

#### Quick Summary on 90% Basis

DM	PRO	TDN	ADF
36.7	20.5	56.08	24.0

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

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