

Analysis performed by:



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Ithaca, NY 14850  
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www.equi-analytical.com

Lab Sample No: 14164000

Lab Desc: 100  
Date Sampled:  
Date Received: 9/9/2009  
Date Printed: 9/10/2009  
Description 1: ALFALFA  
Description 2:  
Statement ID: FIELD #6

Analyzed for:

JOHN WENZEL/COWBONES LLC  
30169 251 ST  
EASTON, KS 66020

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% Moisture 11.3  
% Dry Matter 88.7

	As Sampled		Dry Matter	
	%	g/lb.	%	g/lb.
Digestible Energy (DE), Mcal/lb		.97		1.09
Crude Protein	18.9	85.5	21.3	96.4
Estimated Lysine	.96	4.3	1.08	4.9
Lignin	6.3	28.5	7.1	32.1
Acid Detergent Fiber (ADF)	28.8	130.6	32.5	147.3
Neutral Detergent Fiber (NDF)	36.7	166.3	41.3	187.5
WSC (Water Sol. Carbs.)	8.3	37.7	9.4	42.5
ESC (Simple Sugars)	6.6	29.8	7.4	33.6
Starch	1.8	8.2	2.0	9.3
Non Fiber Carb. (NFC)	22.4	101.8	25.3	114.8
Crude Fat	2.0	9.2	2.3	10.3
Ash	8.7	39.5	9.8	44.5
	%	g/lb.	%	g/lb.
Calcium	1.11	5.05	1.26	5.69
Phosphorus	.18	.80	.20	.90
Magnesium	.21	.93	.23	1.05
Potassium	1.82	8.25	2.05	9.30
Sodium	.019	.087	.022	.098
	ppm	mg/lb.	ppm	mg/lb.
Iron	207	94	234	106
Zinc	26	12	29	13
Copper	7	3	8	4
Manganese	37	17	41	19
Molybdenum	.0	.0	.0	.0
	As Fed		100% Dry	
RFV			143	