



Ritchie Smith Feeds, Inc

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Jeno Ruchton
 Farmers
 Alfalfa
Alfalfa

Sample Number: 20194720
 Lab Received Date: September 4, 2019
 Product Number: 100
 Product Description: HAY
 Sample Description:

Components	As Sampled Basis	Dry Matter Basis
% Moisture	9.71	
% Dry Matter	90.29	
% Crude Protein	20.19	22.36
% ADICP	1.34	1.49
Soluble Protein % CP		44.42
% NDICP	3.39	3.76
% Acid Detergent Fiber	23.95	26.52
% aNDFom	28.91	32.02
% Lignin	5.78	6.40
% NFC	31.64	35.05
% Starch	1.07	1.19
% WSC (Water Sol. Carbs.)	7.94	8.79
% ESC (Simple Sugars)	6.91	7.65
% Crude Fat	2.03	2.25
% Ash	9.73	10.78
% TDN	55.88	61.89
NEL, Mcal/Lb	.60	.66
Relative Feed Value		191
% Calcium	1.55	1.72
% Phosphorus	.23	.25
% Magnesium	.32	.36
% Potassium	1.89	2.10
% Sulfur	.33	.37
% Chloride Ion	.19	.21
Milk Kg/Ton, 48h		1,608
% uNDFom 240hr		17.1
NDFDom 30hr, % of NDF		38.8
NDFDom 120hr, % of NDF		43.1
NDFDom 240hr, % of NDF		46.6
% C18:1, Oleic Acid		.05
% C18:2, Linoleic Acid		.25
% C18:3, Linolenic Acid		.45
% RUFAL		.75
% TFA		1.62
Horse DE, Mcal/Lb	1.05	1.17