



Ritchie Smith Feeds, Inc

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Sample Number: 20243542

Lab Received Date: August 16, 2024

Product Number: 100RS

Product Description: Hay RS

Sample Description:

Ken MacNair
F3224 Timothy

Components	As Sampled Basis	Dry Matter Basis
% Moisture	8.09	
% Dry Matter	91.91	
% Crude Protein	15.35	16.70
% ADICP	1.01	1.10
Soluble Protein % CP		30.07
% NDICP	4.35	4.73
% Acid Detergent Fiber	28.35	30.84
% aNDFom	46.95	51.08
% Lignin	2.97	3.23
% NFC	21.40	23.28
% Starch	.18	.20
% WSC (Water Sol. Carbs.)	9.95	10.83
% ESC (Simple Sugars)	7.77	8.46
% Crude Fat	3.46	3.76
% Ash	7.88	8.57
% TDN	59.97	65.24
NEL, Mcal/Lb	.59	.64
Relative Feed Value		115
% Calcium	.44	.47
% Phosphorus	.29	.31
% Magnesium	.19	.20
% Potassium	2.97	3.23
% Sulfur	.23	.25
% Chloride Ion	.17	.19
Milk Kg/Ton, 48h		1,858
% uNDFom 240hr		2.6
NDFDom 30hr, % of NDF		70.2
NDFDom 120hr, % of NDF		92.3
NDFDom 240hr, % of NDF		94.8
C18:1, Oleic Acid % TFA		2.48
C18:2, Linoleic Acid % TFA		20.25
C18:3, Linolenic Acid % TFA		37.54
% RUFAL		1.06
% TFA		1.76
Horse DE, Mcal/Lb	.95	1.03