



Ritchie Smith Feeds, Inc

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Sample Number: 20243543

Lab Received Date: August 16, 2024

Product Number: 100RS

Product Description: Hay RS

Sample Description:

Ken MacNair
F4224 Grass Blend

Components	As Sampled Basis	Dry Matter Basis
% Moisture	7.64	
% Dry Matter	92.36	
% Crude Protein	14.97	16.21
% ADICP	.87	.95
Soluble Protein % CP		32.05
% NDICP	4.47	4.84
% Acid Detergent Fiber	34.07	36.88
% aNDFom	52.76	57.12
% Lignin	2.79	3.02
% NFC	16.56	17.93
% Starch	.18	.20
% WSC (Water Sol. Carbs.)	8.47	9.17
% ESC (Simple Sugars)	6.62	7.16
% Crude Fat	3.18	3.44
% Ash	9.16	9.91
% TDN	57.94	62.73
NEL, Mcal/Lb	.54	.59
Relative Feed Value		98
% Calcium	.36	.39
% Phosphorus	.37	.40
% Magnesium	.26	.28
% Potassium	2.93	3.18
% Sulfur	.22	.24
% Chloride Ion	.21	.23
Milk Kg/Ton, 48h		1,655
% uNDFom 240hr		13.1
NDFDom 30hr, % of NDF		66.5
NDFDom 120hr, % of NDF		74.5
NDFDom 240hr, % of NDF		77.0
C18:1, Oleic Acid % TFA		3.57
C18:2, Linoleic Acid % TFA		14.60
C18:3, Linolenic Acid % TFA		36.92
% RUFAL		.94
% TFA		1.71
Horse DE, Mcal/Lb	.86	.93