



Ritchie Smith Feeds, Inc

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Sample Number: 20243541

Lab Received Date: August 16, 2024

Product Number: 100RS

Product Description: Hay RS

Sample Description:

Ken MacNair
F2224 Grass-Alf

Components	As Sampled Basis	Dry Matter Basis
% Moisture	9.12	
% Dry Matter	90.88	
% Crude Protein	19.34	21.28
% ADICP	1.26	1.38
Soluble Protein % CP		39.23
% NDICP	4.69	5.16
% Acid Detergent Fiber	29.18	32.11
% aNDFom	39.25	43.19
% Lignin	4.12	4.53
% NFC	21.99	24.20
% Starch	.23	.26
% WSC (Water Sol. Carbs.)	6.23	6.86
% ESC (Simple Sugars)	4.72	5.19
% Crude Fat	2.20	2.42
% Ash	11.61	12.78
% TDN	54.06	59.48
NEL, Mcal/Lb	.55	.61
Relative Feed Value		134
% Calcium	.73	.80
% Phosphorus	.33	.36
% Magnesium	.27	.30
% Potassium	3.10	3.41
% Sulfur	.27	.30
% Chloride Ion	.37	.40
Milk Kg/Ton, 48h		1,518
% uNDFom 240hr		15.9
NDFDom 30hr, % of NDF		54.2
NDFDom 120hr, % of NDF		61.9
NDFDom 240hr, % of NDF		63.2
C18:1, Oleic Acid % TFA		3.33
C18:2, Linoleic Acid % TFA		12.82
C18:3, Linolenic Acid % TFA		28.59
% RUFAL		.71
% TFA		1.59
Horse DE, Mcal/Lb	.90	1.00