



# Ritchie Smith Feeds, Inc

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Sample Number: 20243545

Lab Received Date: August 16, 2024

Product Number: 100RS

Product Description: Hay RS

Sample Description:

Ken MacNair  
F7224 Grass-Alf

Components	As Sampled Basis	Dry Matter Basis
% Moisture	8.44	
% Dry Matter	91.56	
% Crude Protein	17.59	19.21
% ADICP	1.11	1.22
Soluble Protein % CP		37.41
% NDICP	4.16	4.55
% Acid Detergent Fiber	31.36	34.25
% aNDFom	42.12	46.00
% Lignin	4.63	5.06
% NFC	23.00	25.12
% Starch	.39	.43
% WSC (Water Sol. Carbs.)	6.13	6.69
% ESC (Simple Sugars)	4.91	5.36
% Crude Fat	2.10	2.30
% Ash	9.73	10.62
% TDN	54.72	59.77
NEL, Mcal/Lb	.55	.60
Relative Feed Value		122
% Calcium	.78	.85
% Phosphorus	.30	.33
% Magnesium	.24	.27
% Potassium	3.18	3.47
% Sulfur	.26	.28
% Chloride Ion	.33	.36
Milk Kg/Ton, 48h		1,515
% uNDFom 240hr		18.3
NDFDom 30hr, % of NDF		54.2
NDFDom 120hr, % of NDF		59.0
NDFDom 240hr, % of NDF		60.3
C18:1, Oleic Acid % TFA		3.47
C18:2, Linoleic Acid % TFA		13.07
C18:3, Linolenic Acid % TFA		30.41
% RUFAL		.81
% TFA		1.72
Horse DE, Mcal/Lb	.93	1.01