



# Ritchie Smith Feeds, Inc

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Jono Rushton  
Baars Farms - 401000  
2nd Timothy #1

Sample Number: 20225236  
Lab Received Date: October 25, 2022  
Product Number: 100RS  
Product Description: Hay RS  
Sample Description:

Components	As Sampled Basis	Dry Matter Basis
% Moisture	7.32	
% Dry Matter	92.68	
% Crude Protein	10.61	11.45
% ADICP	.99	1.07
Soluble Protein % CP		32.23
% NDICP	2.95	3.18
% Acid Detergent Fiber	33.52	36.16
% aNDFom	52.60	56.76
% Lignin	4.09	4.41
% NFC	22.07	23.82
% Starch	.19	.20
% WSC (Water Sol. Carbs.)	10.28	11.09
% ESC (Simple Sugars)	8.36	9.02
% Crude Fat	2.48	2.67
% Ash	6.78	7.31
% TDN	56.61	61.08
NEL, Mcal/Lb	.53	.57
Relative Feed Value		98
% Calcium	.43	.47
% Phosphorus	.23	.25
% Magnesium	.16	.18
% Potassium	1.90	2.05
% Sulfur	.18	.19
% Chloride Ion	.26	.28
Milk Kg/Ton, 48h		1,571
% uNDFom 240hr		13.1
NDFDom 30hr, % of NDF		50.8
NDFDom 120hr, % of NDF		74.9
NDFDom 240hr, % of NDF		76.9
C18:1, Oleic Acid % TFA		4.99
C18:2, Linoleic Acid % TFA		18.13
C18:3, Linolenic Acid % TFA		30.86
% RUFAL		.67
% TFA		1.24
Horse DE, Mcal/Lb	.92	.99