



Ritchie Smith Feeds, Inc

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Sample Number: 20244805

Lab Received Date: October 10, 2024

Product Number: 100RS

Product Description: Hay RS

Sample Description:

Black Isle Farms
F3324 Timothy

Components	As Sampled Basis	Dry Matter Basis
% Moisture	8.05	
% Dry Matter	91.95	
% Crude Protein	13.92	15.14
% ADICP	1.13	1.23
Soluble Protein % CP		28.25
% NDICP	3.90	4.25
% Acid Detergent Fiber	31.41	34.16
% aNDFom	51.06	55.53
% Lignin	3.18	3.46
% NFC	19.15	20.83
% Starch	.55	.60
% WSC (Water Sol. Carbs.)	8.47	9.21
% ESC (Simple Sugars)	6.88	7.48
% Crude Fat	3.44	3.74
% Ash	7.86	8.55
% TDN	58.45	63.57
NEL, Mcal/Lb	.56	.61
Relative Feed Value		103
% Calcium	.41	.44
% Phosphorus	.31	.34
% Magnesium	.16	.18
% Potassium	2.35	2.55
% Sulfur	.22	.24
% Chloride Ion	.17	.19
Milk Kg/Ton, 48h		1,695
% uNDFom 240hr		5.0
NDFDom 30hr, % of NDF		67.7
NDFDom 120hr, % of NDF		90.5
NDFDom 240hr, % of NDF		91.0
C18:1, Oleic Acid % TFA		2.29
C18:2, Linoleic Acid % TFA		19.49
C18:3, Linolenic Acid % TFA		37.67
% RUFAL		.73
% TFA		1.22
Horse DE, Mcal/Lb	.91	.99