



Ritchie Smith Feeds, Inc

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Sample Number: 20244804

Lab Received Date: October 10, 2024

Product Number: 100RS

Product Description: Hay RS

Sample Description:

Black Isle Farms
F4324 Grass

Components	As Sampled Basis	Dry Matter Basis
% Moisture	8.17	
% Dry Matter	91.83	
% Crude Protein	14.85	16.17
% ADICP	.96	1.05
Soluble Protein % CP		35.80
% NDICP	4.45	4.85
% Acid Detergent Fiber	35.05	38.17
% aNDFom	51.90	56.52
% Lignin	3.13	3.40
% NFC	14.71	16.02
% Starch	.27	.29
% WSC (Water Sol. Carbs.)	7.09	7.73
% ESC (Simple Sugars)	5.62	6.12
% Crude Fat	3.46	3.77
% Ash	10.16	11.07
% TDN	56.10	61.09
NEL, Mcal/Lb	.53	.57
Relative Feed Value		95
% Calcium	.35	.38
% Phosphorus	.35	.38
% Magnesium	.26	.28
% Potassium	2.96	3.22
% Sulfur	.25	.27
% Chloride Ion	.14	.16
Milk Kg/Ton, 48h		1,605
% uNDFom 240hr		12.4
NDFDom 30hr, % of NDF		69.2
NDFDom 120hr, % of NDF		75.5
NDFDom 240hr, % of NDF		78.0
C18:1, Oleic Acid % TFA		4.69
C18:2, Linoleic Acid % TFA		13.69
C18:3, Linolenic Acid % TFA		34.83
% RUFAL		.70
% TFA		1.32
Horse DE, Mcal/Lb	.83	.91