



Ritchie Smith Feeds, Inc

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Sample Number: 20233441

Lab Received Date: August 1, 2023

Product Number: 100RS

Product Description: Hay RS

Sample Description:

Black Isle Farms
F8223 Gr-Alf

Components	As Sampled Basis	Dry Matter Basis
% Moisture	7.29	
% Dry Matter	92.71	
% Crude Protein	14.00	15.10
% ADICP	.96	1.03
Soluble Protein % CP		40.70
% NDICP	3.73	4.02
% Acid Detergent Fiber	34.61	37.33
% aNDFom	47.79	51.55
% Lignin	5.00	5.39
% NFC	22.63	24.41
% Starch	.38	.41
% WSC (Water Sol. Carbs.)	8.51	9.18
% ESC (Simple Sugars)	6.66	7.18
% Crude Fat	2.39	2.58
% Ash	8.42	9.08
% TDN	55.12	59.45
NEL, Mcal/Lb	.53	.58
Relative Feed Value		105
% Calcium	.69	.75
% Phosphorus	.27	.29
% Magnesium	.21	.22
% Potassium	2.67	2.88
% Sulfur	.20	.22
% Chloride Ion	.31	.34
Milk Kg/Ton, 48h		1,462
% uNDFom 240hr		19.1
NDFDom 30hr, % of NDF		52.8
NDFDom 120hr, % of NDF		59.4
NDFDom 240hr, % of NDF		62.9
C18:1, Oleic Acid % TFA		4.58
C18:2, Linoleic Acid % TFA		15.18
C18:3, Linolenic Acid % TFA		29.98
% RUFAL		.69
% TFA		1.39
Horse DE, Mcal/Lb	.92	.99