



Ritchie Smith Feeds, Inc

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Sample Number: 20242725

Lab Received Date: July 11, 2024

Product Number: 100RS

Product Description: Hay RS

Sample Description:

Black Isle Farms

Gr-Alf F6124

Components	As Sampled Basis	Dry Matter Basis
% Moisture	9.58	
% Dry Matter	90.42	
% Crude Protein	12.37	13.69
% ADICP	.83	.91
Soluble Protein % CP		43.38
% NDICP	2.80	3.09
% Acid Detergent Fiber	31.96	35.35
% aNDFom	46.41	51.33
% Lignin	4.22	4.66
% NFC	24.17	26.73
% Starch	.78	.86
% WSC (Water Sol. Carbs.)	12.10	13.39
% ESC (Simple Sugars)	9.14	10.11
% Crude Fat	2.10	2.33
% Ash	7.07	7.82
% TDN	55.54	61.42
NEL, Mcal/Lb	.54	.60
Relative Feed Value		109
% Calcium	.66	.73
% Phosphorus	.28	.31
% Magnesium	.21	.23
% Potassium	2.19	2.43
% Sulfur	.18	.20
% Chloride Ion	.15	.17
Milk Kg/Ton, 48h		1,649
% uNDFom 240hr		16.5
NDFDom 30hr, % of NDF		56.9
NDFDom 120hr, % of NDF		65.2
NDFDom 240hr, % of NDF		67.8
C18:1, Oleic Acid % TFA		6.16
C18:2, Linoleic Acid % TFA		13.52
C18:3, Linolenic Acid % TFA		28.41
% RUFAL		.61
% TFA		1.28
Horse DE, Mcal/Lb	.93	1.03