



Ritchie Smith Feeds, Inc

33777 Enterprise Avenue

Abbotsford, BC V2S 7T9

Phone: 604-859-7128

Website: www.rsfeeds.com



Sample Number: 20244803

Lab Received Date: October 10, 2024

Product Number: 100RS

Product Description: Hay RS

Sample Description:

Black Isle Farms
F2324 Grass Alfalfa

Components	As Sampled Basis	Dry Matter Basis
% Moisture	9.13	
% Dry Matter	90.87	
% Crude Protein	16.22	17.85
% ADICP	1.22	1.34
Soluble Protein % CP		42.01
% NDICP	3.47	3.82
% Acid Detergent Fiber	34.48	37.94
% aNDFom	46.10	50.73
% Lignin	5.91	6.51
% NFC	21.98	24.19
% Starch	.39	.43
% WSC (Water Sol. Carbs.)	6.05	6.66
% ESC (Simple Sugars)	5.53	6.09
% Crude Fat	1.73	1.91
% Ash	8.17	8.99
% TDN	52.11	57.34
NEL, Mcal/Lb	.51	.56
Relative Feed Value		108
% Calcium	.85	.94
% Phosphorus	.29	.32
% Magnesium	.24	.27
% Potassium	2.22	2.44
% Sulfur	.24	.26
% Chloride Ion	.36	.40
Milk Kg/Ton, 48h		1,357
% uNDFom 240hr		23.6
NDFDom 30hr, % of NDF		46.9
NDFDom 120hr, % of NDF		50.4
NDFDom 240hr, % of NDF		53.5
C18:1, Oleic Acid % TFA		4.82
C18:2, Linoleic Acid % TFA		12.73
C18:3, Linolenic Acid % TFA		24.41
% RUFAL		.50
% TFA		1.19
Horse DE, Mcal/Lb	.91	1.00