



# Ritchie Smith Feeds, Inc

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Black Isle Farms  
Grass F4124

Sample Number: 20242724  
Lab Received Date: July 11, 2024  
Product Number: 100RS  
Product Description: Hay RS  
Sample Description:

Components	As Sampled Basis	Dry Matter Basis
% Moisture	8.68	
% Dry Matter	91.32	
% Crude Protein	6.83	7.48
% ADICP	.58	.64
Soluble Protein % CP		38.68
% NDICP	2.28	2.50
% Acid Detergent Fiber	34.27	37.52
% aNDFom	56.11	61.44
% Lignin	3.43	3.76
% NFC	21.73	23.79
% Starch	.53	.58
% WSC (Water Sol. Carbs.)	12.47	13.66
% ESC (Simple Sugars)	9.60	10.52
% Crude Fat	2.07	2.26
% Ash	5.68	6.22
% TDN	56.28	61.62
NEL, Mcal/Lb	.49	.54
Relative Feed Value		88
% Calcium	.27	.30
% Phosphorus	.23	.25
% Magnesium	.11	.12
% Potassium	2.02	2.21
% Sulfur	.13	.14
% Chloride Ion	.15	.16
Milk Kg/Ton, 48h		1,551
% uNDFom 240hr		15.0
NDFDom 30hr, % of NDF		55.5
NDFDom 120hr, % of NDF		72.3
NDFDom 240hr, % of NDF		75.6
C18:1, Oleic Acid % TFA		7.54
C18:2, Linoleic Acid % TFA		11.26
C18:3, Linolenic Acid % TFA		27.23
% RUFAL		.44
% TFA		.96
Horse DE, Mcal/Lb	.89	.97