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Top Scientist Top Service

Client: **Freeman Farms, LLC**

Date: December 11, 2019

Grower:

Sample ID: **Thacker Rd 1st Cut**

Fax No: 509-488-6725

Sample Type: Alfalfa

Tel No.: 509-531-8524

P.O. #:

Email: freemanfarms@smwireless.net

Report No.: F12154-5

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Lab No.: **2859**

Feed Analysis Report

Nutrients	Unit	As Received	100% Dry Matter
Moisture	%	9.30	
Dry Matter	%	90.70	100
Crude Protein	%	19.38	21.37
Acid Detergent Fiber	%	31.48	34.71
Neutral Detergent Fiber	%	40.18	44.30
Lignin	%	7.46	8.23
Ash	%	9.98	11.00
Potassium	%	2.73	3.01
Phosphorus	%	0.31	0.34
Calcium	%	1.46	1.61
Magnesium	%	0.31	0.34
Nitrate-Nitrogen	ppm	628	692
Calculated TDN	%	54.41	59.99
Calculated ME	MCAL/KG	1.97	2.17
Calculated NEL	MCAL/LB	0.56	0.61
Calculated NEM	MCAL/LB	0.54	0.60
Calculated NEG	MCAL/LB	0.30	0.33
Digestible Dry Matter	%		61.86
Dry Matter Intake	% BW		2.71
Relative Forage Quality			132
Relative Feed Value			130