



Servi-Tech Laboratories

1816 E. Wyatt Earp • PO Box 1397 • Dodge City, KS 67801
www.servitechlabs.com

Phone: 620.227.7123

800.557.7509

Fax: 620.227.2047

Lab No.: **FEED ANALYSIS REPORT** Date Reported: 10/03/2014

Send To:
[Redacted]



Results For:
Feedstuff Description: ALFALFA HAY
Sample Identification: 3RD
Date Received:
Invoice No.:

Randy Royle
Randy Royle
Laboratory Manager

Feed Analysis Results As Received 100% Dry Matter

Moisture, %	9.0	
Dry Matter, %	91.0	
Crude Protein, %	20.5	22.5
Acid Detergent Fiber, % ADF	26.7	29.3
Neutral Detergent Fiber, % NDF	32.9	36.2
Total Digestible Nutrients, % TDN	61.7	67.8
Net Energy, Maint, Mcal/lb	0.65	0.71
Net Energy, Gain, Mcal/lb	0.40	0.44
Net Energy, Lact, Mcal/lb	0.64	0.70
Digestible Energy, Mcal/lb	1.24	1.36
Met. Energy, Beef, Mcal/lb	1.01	1.11
Relative Feed Value, (RFV)		170

RELATIVE FEED VALUE: Formula used: $RFV = (DDM \times DMI) / 1.29$
 $DDM = 88.9 - (0.779 \times \%ADF)$
 $DMI = 120 / \%NDF$

Reference hay of 100 RFV has 41% ADF and 53% NDF. Based on system used by Wisconsin, Minnesota, and National Hay Association.

Servi-Tech Laboratories has been certified annually by the National Forage Testing Association since 1986.

USDA ALFALFA - ALFALFA/MIX HAY TESTING GUIDELINES

QUALITY	CP	ADF	NDF	RFV
Supreme	> 22	< 27	< 34	> 185
Premium	20-22	27-29	34-36	170-185
Good	18-20	29-32	36-40	150-170
Fair	16-18	32-35	40-44	130-150
Utility	< 16	> 35	> 44	< 130