



Chandler Analytical Laboratories
 571 N. 54th St. Chandler, AZ 85224
 (480) 963-2495

Client: Pate Family Farm Report Date: 8/13/2013
 Address: PO Box 12727 Casa Grande, AZ 85130

Email: jpatefarms@hotmail.com Fax #:

Sample ID: JB7-08

Product Type: Alfalfa Hay Lab ID: 75117

<u>Parameter</u>	<u>Results %</u>	<u>Parameter</u>	<u>Results %</u>
Total Moisture	8.24	Lignin	
DM	91.76	Starch	
Ash	9.20	NFC	
NDF	39.16	Soluble Carbohydrate	
ADF	32.54	Simple Sugar	
Protein	16.35	IVTDMD24	
Fat		IVTDMD30	
Calcium		IVTDMD48	
Phosphorus		NDFD 24	
Magnesium		NDFD 30	
Sulfur		NDFD 48	
Potassium		Lysine	
Sodium		Methionine	
Chloride		Acetic Acid	
Iron (ppm)		Lactic Acid	
Manganese (ppm)			
Copper (ppm)		pH (wet chemistry)	
Zinc (ppm)			
Soluble Protein		RFV	151
ADF CP		TDN	58
NDF CP		RFQ	144
UIP		NEL (Mcal/lb)	0.59

Results Obtained by NIR Analysis Unless Otherwise Specified



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 Address: PO Box 12727 Casa Grande, AZ 85130

Email: jpatefarms@hotmail.com Fax #:

Sample ID: JB10-08

Product Type: Alfalfa Hay Lab ID: 75118

<u>Parameter</u>	<u>Results %</u>	<u>Parameter</u>	<u>Results %</u>
Total Moisture	7.16	Lignin	
DM	92.84	Starch	
Ash	8.91	NFC	
NDF	42.76	Soluble Carbohydrate	
ADF	35.51	Simple Sugar	
Protein	15.17	IVTDMD24	
Fat		IVTDMD30	
Calcium		IVTDMD48	
Phosphorus		NDFD 24	
Magnesium		NDFD 30	
Sulfur		NDFD 48	
Potassium		Lysine	
Sodium		Methionine	
Chloride		Acetic Acid	
Iron (ppm)		Lactic Acid	
Manganese (ppm)			
Copper (ppm)		pH (wet chemistry)	
Zinc (ppm)			
Soluble Protein		RFV	133
ADF CP		TDN	56
NDF CP		RFQ	127
UIP		NEL (Mcal/lb)	0.56

Results Obtained by NIR Analysis Unless Otherwise Specified



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 Address: PO Box 12727 Casa Grande, AZ 85130

Email: jpatefarms@hotmail.com Fax #:

Sample ID: JB13-08

Product Type: Alfalfa Hay Lab ID: 75119

<u>Parameter</u>	<u>Results %</u>	<u>Parameter</u>	<u>Results %</u>
Total Moisture	7.94	Lignin	
DM	92.06	Starch	
Ash	8.29	NFC	
NDF	43.25	Soluble Carbohydrate	
ADF	35.60	Simple Sugar	
Protein	15.04	IVTDMD24	
Fat		IVTDMD30	
Calcium		IVTDMD48	
Phosphorus		NDFD 24	
Magnesium		NDFD 30	
Sulfur		NDFD 48	
Potassium		Lysine	
Sodium		Methionine	
Chloride		Acetic Acid	
Iron (ppm)		Lactic Acid	
Manganese (ppm)			
Copper (ppm)		pH (wet chemistry)	
Zinc (ppm)			
Soluble Protein		RFV	132
ADF CP		TDN	56
NDF CP		RFQ	125
UIP		NEL (Mcal/lb)	0.56

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Client: Pate Family Farm Report Date: 8/13/2013
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Email: jpatefarms@hotmail.com Fax #:

Sample ID: PH11-08

Product Type: Alfalfa Hay Lab ID: 75120

<u>Parameter</u>	<u>Results %</u>	<u>Parameter</u>	<u>Results %</u>
Total Moisture	8.76	Lignin	
DM	91.24	Starch	
Ash	10.63	NFC	
NDF	39.79	Soluble Carbohydrate	
ADF	33.91	Simple Sugar	
Protein	18.76	IVTDMD24	
Fat		IVTDMD30	
Calcium		IVTDMD48	
Phosphorus		NDFD 24	
Magnesium		NDFD 30	
Sulfur		NDFD 48	
Potassium		Lysine	
Sodium		Methionine	
Chloride		Acetic Acid	
Iron (ppm)		Lactic Acid	
Manganese (ppm)			
Copper (ppm)		pH (wet chemistry)	
Zinc (ppm)			
Soluble Protein		RFV	146
ADF CP		TDN	57
NDF CP		RFQ	140
UIP		NEL (Mcal/lb)	0.58

Results Obtained by NIR Analysis Unless Otherwise Specified