

17653  
 Austin Unruh  
 2860 Best Rd

Project Austin Unruh  
 Information :

Morgantown , PA 19543

Original Report Date : 12/30/2020

Revised Report Date: 12/30/2020

Report Number : **20-339-0231**

**REPORT OF ANALYSIS**

Received : 12/04/2020

Lab No : **91229**  
 Sample ID : **Hershey**

Matrix: **Solids**  
 Sampled:

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	<b>43.4</b>	%		1			AOAC 930.15
Dry Matter	<b>56.6</b>	%	0.10	1	12/07/20 15:19	KNP	AOAC 930.15
Crude Protein	<b>9.61</b>	% - dry	0.17	1	12/08/20 13:30	KNP	AOAC 990.03
Crude Fat	<b>1.30</b>	% - dry		1	12/21/20 13:00	RLF	AOAC 920.39
ADF Fiber	<b>27.4</b>	% - dry	0.176	1	12/08/20 10:22	RLF	AOAC 973.18
Neutral Detergent Fiber	<b>30.2</b>	% - dry	0.176	1	12/07/20 11:47	RLF	NDF
TDN	<b>68.4</b>	% - dry	0.176	1	12/08/20 10:22	RLF	AOAC 973.18
Estimated Net Energy (ENE)	<b>67.0</b>	ton/cwt - dry		1	12/08/20 10:22	RLF	AOAC 973.18
Net Energy Lactation (NEL)	<b>0.704</b>	Mcal/lb - dry		1	12/08/20 10:22	RLF	AOAC 973.18
Net Energy Maintenance (NEM)	<b>0.715</b>	Mcal/lb - dry		1	12/08/20 10:22		AOAC 973.18
Net Energy Gain (NEG)	<b>0.443</b>	Mcal/lb - dry		1	12/08/20 10:22		AOAC 973.18
Calcium	<b>0.44</b>	% - dry		1	12/08/20 11:30	KNP	FEED METALS
Phosphorus	<b>0.15</b>	% - dry		1	12/08/20 11:30	KNP	FEED METALS
Potassium	<b>1.36</b>	% - dry		1	12/08/20 11:30	KNP	FEED METALS
Magnesium	<b>0.07</b>	% - dry		1	12/08/20 11:30	KNP	FEED METALS
Sugar	<b>37.5</b>	% - dry		1			AOAC 950.01

**Qualifiers/  
 Definitions**

DF Dilution Factor  
 MQL Method Quantitation Limit

L Limit Exceeded

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Original Report Date : 12/30/2020

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**REPORT OF ANALYSIS**

Received : 12/04/2020

Lab No : **91230**

Matrix: **Solids**

Sample ID : **Ash**

Sampled:

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	<b>36.7</b>	%		1			AOAC 930.15
Dry Matter	<b>63.3</b>	%	0.10	1	12/07/20 15:19	KNP	AOAC 930.15
Crude Protein	<b>11.8</b>	% - dry	0.15	1	12/08/20 13:33	KNP	AOAC 990.03
Crude Fat	<b>2.05</b>	% - dry		1	12/21/20 13:00	RLF	AOAC 920.39
ADF Fiber	<b>28.6</b>	% - dry	0.157	1	12/08/20 10:22	RLF	AOAC 973.18
Neutral Detergent Fiber	<b>43.4</b>	% - dry	0.157	1	12/07/20 11:47	RLF	NDF
TDN	<b>67.6</b>	% - dry	0.157	1	12/08/20 10:22	RLF	AOAC 973.18
Estimated Net Energy (ENE)	<b>65.9</b>	ton/cwt - dry		1	12/08/20 10:22	RLF	AOAC 973.18
Net Energy Lactation (NEL)	<b>0.696</b>	Mcal/lb - dry		1	12/08/20 10:22	RLF	AOAC 973.18
Net Energy Maintenance (NEM)	<b>0.706</b>	Mcal/lb - dry		1	12/08/20 10:22		AOAC 973.18
Net Energy Gain (NEG)	<b>0.434</b>	Mcal/lb - dry		1	12/08/20 10:22		AOAC 973.18
Calcium	<b>0.50</b>	% - dry		1	12/08/20 11:30	KNP	FEED METALS
Phosphorus	<b>0.22</b>	% - dry		1	12/08/20 11:30	KNP	FEED METALS
Potassium	<b>1.40</b>	% - dry		1	12/08/20 11:30	KNP	FEED METALS
Magnesium	<b>0.11</b>	% - dry		1	12/08/20 11:30	KNP	FEED METALS
Sugar	<b>28.8</b>	% - dry		1	12/30/20 12:35	GLZ	AOAC 950.01

**Qualifiers/  
Definitions**

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Revised Report Date: 12/30/2020

Report Number : **20-339-0231**

**REPORT OF ANALYSIS**

Received : 12/04/2020

Lab No : **91231**

Matrix: **Solids**

Sample ID : **Wild**

Sampled:

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	<b>19.7</b>	%		1			AOAC 930.15
Dry Matter	<b>80.3</b>	%	0.10	1	12/07/20 15:19	KNP	AOAC 930.15
Crude Protein	<b>12.2</b>	% - dry	0.12	1	12/08/20 13:35	KNP	AOAC 990.03
Crude Fat	<b>2.09</b>	% - dry		1	12/21/20 13:00	RLF	AOAC 920.39
ADF Fiber	<b>25.0</b>	% - dry	0.124	1	12/08/20 10:22	RLF	AOAC 973.18
Neutral Detergent Fiber	<b>53.9</b>	% - dry	0.124	1	12/07/20 11:47	RLF	NDF
TDN	<b>69.4</b>	% - dry	0.124	1	12/08/20 10:22	RLF	AOAC 973.18
Estimated Net Energy (ENE)	<b>68.9</b>	ton/cwt - dry		1	12/08/20 10:22	RLF	AOAC 973.18
Net Energy Lactation (NEL)	<b>0.717</b>	Mcal/lb - dry		1	12/08/20 10:22	RLF	AOAC 973.18
Net Energy Maintenance (NEM)	<b>0.732</b>	Mcal/lb - dry		1	12/08/20 10:22		AOAC 973.18
Net Energy Gain (NEG)	<b>0.458</b>	Mcal/lb - dry		1	12/08/20 10:22		AOAC 973.18
Calcium	<b>0.56</b>	% - dry		1	12/08/20 11:30	KNP	FEED METALS
Phosphorus	<b>0.18</b>	% - dry		1	12/08/20 11:30	KNP	FEED METALS
Potassium	<b>1.49</b>	% - dry		1	12/08/20 11:30	KNP	FEED METALS
Magnesium	<b>0.11</b>	% - dry		1	12/08/20 11:30	KNP	FEED METALS
Sugar	<b>17.3</b>	% - dry		1	12/30/20 12:35	GLZ	AOAC 950.01

**Qualifiers/  
Definitions**

DF Dilution Factor  
 MQL Method Quantitation Limit

L Limit Exceeded