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Lab No.: 25825 **FEED ANALYSIS REPORT** Date Reported: 01/30/2024

Send To: 33974
SIOUXLAND ETHANOL
1501 KNOX BLVD
JACKSON, NE 68743

Results For: SIOUXLAND ETHANOL
Feedstuff Description: WET DISTILLERS GRAIN
Sample Identification: WET FEED
Date Received: 01/26/2024
Date Sampled: 01/24/2024
Invoice No.: 753644
PO Number: 2795

Hans Burken
Hans Burken
Lab Manager

Feed Analysis Results As Received Vac Oven Dry Matter

Moisture, %	51.6	
Dry Matter, %	48.4	
Crude Protein, %	16.4	33.8
Acid Detergent Fiber, % ADF	5.3	11.0
Crude Fat, %	2.6	5.4
Ash, % Ash	2.8	5.8
Total Digestible Nutrients, % TDN	38.9	80.3
Net Energy, Maint, Mcal/lb	0.43	0.89
Net Energy, Gain, Mcal/lb	0.29	0.59
Net Energy, Lact, Mcal/lb	0.41	0.84
Digestible Energy, Mcal/lb	0.78	1.61
Met. Energy, Beef, Mcal/lb	0.64	1.32
Calcium, % Ca	0.01	0.03
Phosphorus, % P	0.51	1.05
Magnesium, % Mg	0.18	0.38
Potassium, % K	0.63	1.30
Sulfur, % S	0.19	0.38

The reported analytical results apply only to the sample as it was supplied.
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Feed Analysis Results	As Received	Vac Oven Dry Matter	
Sodium, % Na	0.007	0.015	
Zinc, mg/kg Zn	34	71	
Iron, mg/kg Fe	38	79	
Manganese, mg/kg Mn	9	18	
Copper, mg/kg Cu	3	6	
Total Starch (Megazyme), %	1.1	2.2	
<p>MOISTURE (VACUUM OVEN): Determined at 60 degrees C under vacuum according to Method G-17 in <i>Analytical Methods of the Member Companies of the Corn Refiners Association, Inc.</i></p> <p>To convert results reported in percent (%) to parts per million (ppm), multiply the % result by 10,000.</p> <p>Total starch by enzymatic hydrolysis was determined using Megazyme amyloglucosidase enzyme. Please call the laboratory if you have questions.</p>			

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