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Lab No.: 25824 **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:** DRY DISTILLERS GRAIN  
**Sample Identification:** DDG  
**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 100% Dry Matter

Feed Analysis Results	As Received	100% Dry Matter
Moisture, %	10.7	
Dry Matter, %	89.3	
Crude Protein, %	31.0	34.8
Acid Detergent Fiber, % ADF	12.4	13.9
Crude Fiber, % CF	8.5	9.5
Crude Fat, %	5.4	6.1
Ash, % Ash	4.3	4.9
Total Digestible Nutrients, % TDN	70.1	78.5
Net Energy, Maint, Mcal/lb	0.77	0.86
Net Energy, Gain, Mcal/lb	0.51	0.57
Net Energy, Lact, Mcal/lb	0.73	0.82
Digestible Energy, Mcal/lb	1.40	1.57
Met. Energy, Beef, Mcal/lb	1.15	1.29
Calcium, % Ca	0.04	0.04
Phosphorus, % P	0.97	1.09
Magnesium, % Mg	0.36	0.40
Potassium, % K	1.21	1.35

The reported analytical results apply only to the sample as it was supplied.  
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Feed Analysis Results	As Received	100% Dry Matter	
Sulfur, % S	0.39	0.44	
Sodium, % Na	0.020	0.023	
Zinc, mg/kg Zn	70	78	
Iron, mg/kg Fe	80	90	
Manganese, mg/kg Mn	17	20	
Copper, mg/kg Cu	7	7	
Total Starch (Megazyme), %	2.6	2.9	

To convert results reported in percent (%) to parts per million (ppm), multiply the % result by 10,000.

Total starch by enzymatic hydrolysis was determined using Megazyme amyloglucosidase enzyme. Please call the laboratory if you have questions.

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