



13611 "B" Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402) 334-9121
www.midwestlabs.com

REPORT OF ANALYSIS

LINCOLNLAND AGRI-ENERGY LLC
10406 N 1725TH ST
PALESTINE IL 62451-

For: (16742) LINCOLNLAND AGRI-ENERGY LLC
DDGS
DISTILLER DRIED GRAIN

| Analysis | Level Found | | Units | Reporting | | Analyst-Date | Verified-Date |
|---|-------------|------------|----------|-----------|--------------------|-----------------|-----------------|
| | As Received | Dry Weight | | Limit | Method | | |
| Sample ID: D1-031113 Lab Number: 12054919 | | | | | | | |
| Moisture (distillers grains) | 11.3 | ////// | % | 0.01 | NFTA 2.2.2.5 | kkw8-2013/03/15 | jpt1-2013/03/19 |
| Dry matter | 88.70 | ////// | % | 0.010 | CALCULATION | Auto-2013/03/22 | Auto-2013/03/22 |
| Protein (crude) | 32.3 | 36.4 | % | 0.20 | AOAC 990.03 | sss6-2013/03/18 | jpt1-2013/03/19 |
| Fat (crude) | 7.19 | 8.10 | % | 0.10 | AOAC 2003.05 | ddd1-2013/03/15 | jpt1-2013/03/19 |
| Fiber (acid detergent) | 14.4 | 16.2 | % | 0.5 | ANKOM Tech. Method | sdh7-2013/03/15 | jpt1-2013/03/19 |
| Ash | 3.94 | 4.44 | % | 0.10 | AOAC 942.05 | sdh7-2013/03/18 | jpt1-2013/03/19 |
| Total digestible nutrients | 73.3 | 82.6 | % | 0.1 | CALCULATION | Auto-2013/03/18 | Auto-2013/03/22 |
| Net energy (lactation) | 0.76 | 0.86 | Mcal/lbs | 0.01 | CALCULATION | Auto-2013/03/18 | Auto-2013/03/22 |
| Net energy (maint.) | 0.80 | 0.90 | Mcal/lbs | 0.01 | CALCULATION | Auto-2013/03/18 | Auto-2013/03/22 |
| Net energy (gain) | 0.53 | 0.60 | Mcal/lbs | 0.01 | CALCULATION | Auto-2013/03/18 | Auto-2013/03/22 |
| Digestible energy | 1.46 | 1.65 | Mcal/lbs | 0.01 | CALCULATION | Auto-2013/03/18 | Auto-2013/03/22 |
| Metabolizable energy | 1.30 | 1.46 | Mcal/lbs | 0.01 | CALCULATION | Auto-2013/03/18 | Auto-2013/03/22 |
| Sulfur (total) | 0.61 | 0.69 | % | 0.01 | AOAC 985.01 (mod) | cvs7-2013/03/18 | jpt1-2013/03/19 |
| Phosphorus (total) | 0.81 | 0.91 | % | 0.01 | AOAC 985.01 (mod) | cvs7-2013/03/18 | jpt1-2013/03/19 |
| Potassium (total) | 0.93 | 1.05 | % | 0.01 | AOAC 985.01 (mod) | cvs7-2013/03/18 | jpt1-2013/03/19 |
| Magnesium (total) | 0.31 | 0.35 | % | 0.01 | AOAC 985.01 (mod) | cvs7-2013/03/18 | jpt1-2013/03/19 |
| Calcium (total) | 0.02 | 0.02 | % | 0.01 | AOAC 985.01 (mod) | cvs7-2013/03/18 | jpt1-2013/03/19 |
| Sodium (total) | 0.17 | 0.19 | % | 0.01 | AOAC 985.01 (mod) | cvs7-2013/03/18 | jpt1-2013/03/19 |
| Iron (total) | 86.0 | 97.0 | ppm | 5.0 | AOAC 985.01 (mod) | cvs7-2013/03/18 | jpt1-2013/03/19 |

The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

Our reports and letters are for the exclusive and confidential use of our clients and may not be reproduced in whole or in part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization.

**LINCOLNLAND AGRI-ENERGY LLC
10406 N 1725TH ST
PALESTINE IL 62451-**

REPORT OF ANALYSIS

For: (16742) LINCOLNLAND AGRI-ENERGY LLC
DDGS
DISTILLER DRIED GRAIN

| Analysis | Level Found | | Units | Reporting | | Analyst- Date | Verified- Date |
|-----------------------------|-------------------------------------|------------|-------|-----------|--------------------|------------------|-------------------|
| | As Received | Dry Weight | | Limit | Method | | |
| Sample ID: D1-031113 | Lab Number: 12054919 (con't) | | | | | | |
| Manganese (total) | 17.3 | 19.5 | ppm | 1.0 | AOAC 985.01 (mod) | cvs7-2013/03/18 | jpt1-2013/03/19 |
| Copper (total) | 6.9 | 7.8 | ppm | 1.0 | AOAC 985.01 (mod) | cvs7-2013/03/18 | jpt1-2013/03/19 |
| Zinc (total) | 78.4 | 88.4 | ppm | 1.0 | AOAC 985.01 (mod) | cvs7-2013/03/18 | jpt1-2013/03/19 |
| Aflatoxin B1 | 62.7 | | ppb | 1.00 | AOAC 2008.02 (mod) | jcp7-2013/03/22 | tjp8-2013/03/22 |
| Aflatoxin B2 | 1.49 | | ppb | 1.00 | AOAC 2008.02 (mod) | jcp7-2013/03/22 | tjp8-2013/03/22 |
| Aflatoxin G1 | n.d. | | ppb | 1.00 | AOAC 2008.02 (mod) | jcp7-2013/03/22 | tjp8-2013/03/22 |
| Aflatoxin G2 | n.d. | | ppb | 1.00 | AOAC 2008.02 (mod) | jcp7-2013/03/22 | tjp8-2013/03/22 |
| Aflatoxin summation | 64.2 | | ppb | 1.00 | CALCULATION | jcp7-2013/03/22 | tjp8-2013/03/22 |
| DON (Vomitoxin) | 0.5 | | ppm | 0.1 | AOAC 2008.02 (mod) | aln9-2013/03/20 | tjp8-2013/03/20 |
| Fumonisin B1 | 7.16 | | ppm | 0.10 | AOAC 2008.02 (mod) | jcp7-2013/03/22 | tjp8-2013/03/22 |
| Fumonisin B2 | 2.17 | | ppm | 0.10 | AOAC 2008.02 (mod) | jcp7-2013/03/22 | tjp8-2013/03/22 |
| Fumonisin B3 | 0.57 | | ppm | 0.10 | AOAC 2008.02 (mod) | jcp7-2013/03/22 | tjp8-2013/03/22 |
| Fumonisin summation | 9.90 | | ppm | 0.10 | CALCULATION | jcp7-2013/03/22 | tjp8-2013/03/22 |
| Ochratoxin | n.d. | | ppb | 1.0 | AOAC 2008.02 (mod) | aln9-2013/03/21 | tjp8-2013/03/21 |
| T-2 toxin | n.d. | | ppm | 0.1 | AOAC 2008.02 (mod) | jcp7-2013/03/22 | tjp8-2013/03/22 |
| Zearalenone | n.d. | | ppb | 50 | AOAC 2008.02 (mod) | jcp7-2013/03/22 | tjp8-2013/03/22 |
| Starch (total) | 1.79 | 2.02 | % | 0.10 | AACC 76-11 | jsp2-2013/03/15 | mjs5-2013/03/18 |

The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

Our reports and letters are for the exclusive and confidential use of our clients and may not be reproduced in whole or in part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization.

REPORT NUMBER

13-081-9717

REPORT DATE
Mar 22, 2013

RECEIVED DATE
Mar 14, 2013

SEND TO
16742



13611 "B" Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402) 334-9121
www.midwestlabs.com

PAGE 3/3

ISSUE DATE
Mar 22, 2013

REPORT OF ANALYSIS

**LINCOLNLAND AGRI-ENERGY LLC
10406 N 1725TH ST
PALESTINE IL 62451-**

For: (16742) LINCOLNLAND AGRI-ENERGY LLC
DDGS
DISTILLER DRIED GRAIN

| Analysis | Level Found | | Units | Reporting | | Analyst- Date | Verified- Date |
|----------|-------------|------------|-------|-----------|--------|------------------|-------------------|
| | As Received | Dry Weight | | Limit | Method | | |

n.d. = not detected ppm = parts per million ppm = mg/kg ppb = parts per billion Mineral analysis performed by ICAP using a wet digest procedure.
Moisture determined using 3hr@105 Deg. C Method.
Total starch value includes all hydrolyzable carbohydrates.

For questions please contact:

Heather Ramig
Client Service Representative
heather@midwestlabs.com (402)829-9891

The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

Our reports and letters are for the exclusive and confidential use of our clients and may not be reproduced in whole or in part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization.