

**REPORT OF ANALYSIS**
**LINCOLNLAND AGRI-ENERGY LLC  
10406 N 1725TH ST  
PALESTINE IL 62451-**
**For: (16742) LINCOLNLAND AGRI-ENERGY LLC  
DDG  
DISTILLER DRIED GRAIN**

Analysis	Level Found		Units	Reporting		Analyst- Date	Verified- Date
	As Received	Dry Weight		Limit	Method		
Sample ID: <b>D1-121012</b> Lab Number: <b>12007384</b>							
Moisture (distillers grains)	11.1	//////	%	0.01	NFTA 2.2.2.5	sss6-2012/12/12	jpt1-2012/12/13
Dry matter	88.90	//////	%	0.010	CALCULATION	Auto-2012/12/18	Auto-2012/12/18
Protein (crude)	29.0	32.6	%	0.20	AOAC 990.03	cmw4-2012/12/12	jpt1-2012/12/13
Fat (crude)	6.97	7.84	%	0.10	AOAC 2003.05	cmw4-2012/12/12	jpt1-2012/12/13
Fiber (acid detergent)	11.4	12.8	%	0.5	ANKOM Tech. Method	cmw4-2012/12/12	jpt1-2012/12/13
Ash	4.36	4.90	%	0.10	AOAC 942.05	sss6-2012/12/13	jpt1-2012/12/13
Starch (total)	1.90	2.14	%	0.10	AACC 76-11	mgn8-2012/12/12	mjs5-2012/12/13
Total digestible nutrients	74.0	83.2	%	0.1	CALCULATION	Auto-2012/12/13	Auto-2012/12/18
Net energy (lactation)	0.77	0.87	Mcal/lbs	0.01	CALCULATION	Auto-2012/12/13	Auto-2012/12/18
Net energy (maint.)	0.80	0.90	Mcal/lbs	0.01	CALCULATION	Auto-2012/12/13	Auto-2012/12/18
Net energy (gain)	0.53	0.60	Mcal/lbs	0.01	CALCULATION	Auto-2012/12/13	Auto-2012/12/18
Digestible energy	1.48	1.66	Mcal/lbs	0.01	CALCULATION	Auto-2012/12/13	Auto-2012/12/18
Metabolizable energy	1.32	1.49	Mcal/lbs	0.01	CALCULATION	Auto-2012/12/13	Auto-2012/12/18
Sulfur (total)	0.61	0.69	%	0.01	AOAC 985.01 (mod)	cvs7-2012/12/12	jpt1-2012/12/13
Phosphorus (total)	0.86	0.97	%	0.01	AOAC 985.01 (mod)	cvs7-2012/12/12	jpt1-2012/12/13
Potassium (total)	1.03	1.16	%	0.01	AOAC 985.01 (mod)	cvs7-2012/12/12	jpt1-2012/12/13
Magnesium (total)	0.32	0.36	%	0.01	AOAC 985.01 (mod)	cvs7-2012/12/12	jpt1-2012/12/13
Calcium (total)	0.02	0.02	%	0.01	AOAC 985.01 (mod)	cvs7-2012/12/12	jpt1-2012/12/13
Sodium (total)	0.21	0.24	%	0.01	AOAC 985.01 (mod)	cvs7-2012/12/12	jpt1-2012/12/13

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

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	As Received	Dry Weight		Limit	Method		
<b>Sample ID: D1-121012</b>	Lab Number: <b>12007384</b> (con't)						
Iron (total)	88.2	99.2	ppm	5.0	AOAC 985.01 (mod)	cvs7-2012/12/12	jpt1-2012/12/13
Manganese (total)	17.9	20.1	ppm	1.0	AOAC 985.01 (mod)	cvs7-2012/12/12	jpt1-2012/12/13
Copper (total)	6.4	7.2	ppm	1.0	AOAC 985.01 (mod)	cvs7-2012/12/12	jpt1-2012/12/13
Zinc (total)	71.6	80.5	ppm	1.0	AOAC 985.01 (mod)	cvs7-2012/12/12	jpt1-2012/12/13
Aflatoxin B1	19.4		ppb	1.00	AOAC 2008.02 (mod)	jcp7-2012/12/18	tjp8-2012/12/18
Aflatoxin B2	1.45		ppb	1.00	AOAC 2008.02 (mod)	jcp7-2012/12/18	tjp8-2012/12/18
Aflatoxin G1	n.d.		ppb	1.00	AOAC 2008.02 (mod)	jcp7-2012/12/18	tjp8-2012/12/18
Aflatoxin G2	n.d.		ppb	1.00	AOAC 2008.02 (mod)	jcp7-2012/12/18	tjp8-2012/12/18
Aflatoxin summation	20.8		ppb	1.00	CALCULATION	jcp7-2012/12/18	tjp8-2012/12/18
DON (Vomitoxin)	0.6		ppm	0.1	AOAC 2008.02 (mod)	aln9-2012/12/14	tjp8-2012/12/14
Fumonisin B1	7.84		ppm	0.10	AOAC 2008.02 (mod)	jcp7-2012/12/18	tjp8-2012/12/18
Fumonisin B2	2.18		ppm	0.10	AOAC 2008.02 (mod)	jcp7-2012/12/18	tjp8-2012/12/18
Fumonisin B3	0.69		ppm	0.10	AOAC 2008.02 (mod)	jcp7-2012/12/18	tjp8-2012/12/18
Fumonisin summation	10.7		ppm	0.10	CALCULATION	jcp7-2012/12/18	tjp8-2012/12/18
Ochratoxin	n.d.		ppb	1.0	AOAC 2008.02 (mod)	aln9-2012/12/17	tjp8-2012/12/17
T-2 toxin	n.d.		ppm	0.1	AOAC 2008.02 (mod)	jcp7-2012/12/18	tjp8-2012/12/18
Zearalenone	n.d.		ppb	50	AOAC 2008.02 (mod)	jcp7-2012/12/18	tjp8-2012/12/18

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REPORT NUMBER

**12-353-9080**

REPORT DATE  
**Dec 18, 2012**

RECEIVED DATE  
**Dec 11, 2012**

SEND TO  
**16742**



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

For questions please contact:

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

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