

WESTERN NEW YORK ENERGY
MIKE LANGDON
PO BOX 191
MEDINA NY 14103-0191

REPORT OF ANALYSIS

For: (22953) WESTERN NEW YORK ENERGY
CORN SYRUP
LIQUID

Analysis	Level Found		Units	Reporting		Analyst- Date	Verified- Date
	As Received	Dry Weight		Limit	Method		
Sample ID: CORN SYRUP 1/14/14 Lab Number: 12219156 Date Sampled: 2014-02-04							
Moisture (vacuum oven - 70°C)	61.30	//////	%	0.01	AOAC 969.35 *	kkw8-2014/02/10	jpt1-2014/02/11
Dry matter	38.70	//////	%	0.010	CALCULATION	Auto-2014/02/11	Auto-2014/02/11
Protein (crude)	7.61	19.7	%	0.05	AOAC 990.03 *	kfl0-2014/02/10	jpt1-2014/02/11
Fat (acid hydrolysis)	2.12	5.48	%	0.10	AOAC 954.02 *	ddd1-2014/02/11	jpt1-2014/02/11
Fiber (acid detergent)	3.2	8.3	%	0.5	ANKOM Tech. Method *	sdh7-2014/02/11	jpt1-2014/02/11
Ash	4.14	10.7	%	0.10	AOAC 942.05 *	sdh7-2014/02/11	jpt1-2014/02/11
Total digestible nutrients	31.1	80.4	%	0.1	CALCULATION	Auto-2014/02/11	Auto-2014/02/11
Net energy (lactation)	0.32	0.84	Mcal/lbs	0.01	CALCULATION	Auto-2014/02/11	Auto-2014/02/11
Net energy (maint.)	0.34	0.87	Mcal/lbs	0.01	CALCULATION	Auto-2014/02/11	Auto-2014/02/11
Net energy (gain)	0.22	0.58	Mcal/lbs	0.01	CALCULATION	Auto-2014/02/11	Auto-2014/02/11
Digestible energy	0.62	1.61	Mcal/lbs	0.01	CALCULATION	Auto-2014/02/11	Auto-2014/02/11
Metabolizable energy	0.57	1.48	Mcal/lbs	0.01	CALCULATION	Auto-2014/02/11	Auto-2014/02/11
Sulfur (total)	0.43	1.11	%	0.01	AOAC 985.01 (mod) *	cvs7-2014/02/10	jpt1-2014/02/11
Phosphorus (total)	0.81	2.09	%	0.01	AOAC 985.01 (mod) *	cvs7-2014/02/10	jpt1-2014/02/11
Potassium (total)	1.18	3.05	%	0.01	AOAC 985.01 (mod) *	cvs7-2014/02/10	jpt1-2014/02/11
Magnesium (total)	0.30	0.78	%	0.01	AOAC 985.01 (mod) *	cvs7-2014/02/10	jpt1-2014/02/11
Calcium (total)	0.01	0.03	%	0.01	AOAC 985.01 (mod) *	cvs7-2014/02/10	jpt1-2014/02/11
Sodium (total)	0.16	0.41	%	0.01	AOAC 985.01 (mod) *	cvs7-2014/02/10	jpt1-2014/02/11
Iron (total)	49.7	128	ppm	5.0	AOAC 985.01 (mod) *	cvs7-2014/02/10	jpt1-2014/02/11

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.

WESTERN NEW YORK ENERGY
MIKE LANGDON
PO BOX 191
MEDINA NY 14103-0191

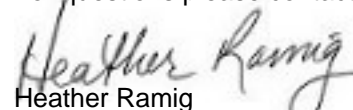
REPORT OF ANALYSIS

For: (22953) WESTERN NEW YORK ENERGY
CORN SYRUP
LIQUID

Analysis	Level Found		Units	Reporting		Analyst- Date	Verified- Date
	As Received	Dry Weight		Limit	Method		
Sample ID: CORN SYRUP 1/14/14	Lab Number: 12219156 (con't)						
Manganese (total)	11.8	30.5	ppm	1.0	AOAC 985.01 (mod) *	cvs7-2014/02/10	jpt1-2014/02/11
Copper (total)	3.2	8.3	ppm	1.0	AOAC 985.01 (mod) *	cvs7-2014/02/10	jpt1-2014/02/11
Zinc (total)	39.6	102	ppm	1.0	AOAC 985.01 (mod) *	cvs7-2014/02/10	jpt1-2014/02/11

ppm = parts per million, ppm = mg/kg Mineral analysis performed by ICAP using a wet digest procedure.

For questions please contact:



Heather Ramig
Client Service Representative
heather.ramig@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.

**WESTERN NEW YORK ENERGY
MIKE LANGDON
PO BOX 191
MEDINA NY 14103-0191****REPORT OF ANALYSIS****For: (22953) WESTERN NEW YORK ENERGY
CORN SYRUP
LIQUID****Detailed Method Description(s)****AOAC 969.35**

Analysis follows FO PROC 02 or FD PROC 18, both of which are based on AOAC 969.35. Samples are placed in pre-weighed tins and then placed in an oven that can attain a vacuum. The oven is set at 70 degrees C under vacuum for 4 hours. Dried samples are re-weighed and the loss in weight is reported as moisture.

AOAC 990.03

Analysis follows FD PROC 70 which is based on AOAC 990.03. The sample is placed in a combustion instrument and the amount of nitrogen is obtained. The nitrogen value is multiplied by a factor of 6.25 and that value reported as crude protein.

AOAC 954.02

Analysis follows FD PROC 27 which is based on AOAC 954.02. A sample is treated with ethanol and hydrochloric acid to help release fat in the sample. Separate treatments of ethyl ether and petroleum ether is used to extract the fat and the ethers collected in a pre-weighed beaker. The ether is evaporated and the material remaining in the beaker is reported as "fat".

ANKOM Tech. Method

Analysis follows FD PROC 39 which is based on AOCS Ba 6a-05. The sample is sealed in a small bag and the bag immersed in a solution that dissolves certain materials. The bag is washed and dried and re-weighed. The material remaining in the bag is reported as acid detergent fiber

AOAC 942.05

Analysis follows FD PROC 19 which is based on AOAC 942.05. The sample is weighed and placed in a muffle furnace at 600 oC. After a period of time, the sample is removed and the remaining material weighed and reported as ash. Moisture and organic material is driven off.

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

14-042-9372

REPORT DATE
Feb 11, 2014

RECEIVED DATE
Feb 07, 2014

SEND TO
22953



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

PAGE 4/4

ISSUE DATE
Feb 11, 2014

**WESTERN NEW YORK ENERGY
MIKE LANGDON
PO BOX 191
MEDINA NY 14103-0191**

REPORT OF ANALYSIS

For: (22953) WESTERN NEW YORK ENERGY
CORN SYRUP
LIQUID

AOAC 985.01 (mod)

Sample prep follows ME PROC 69 which is based on AOAC 935.13 (wet ash) and analysis follows PROC ME PROC 29 which is based on AOAC 985.01 (ICP). The sample is treated with a combination of heat and mineral acids to destroy organic materials and dissolve minerals. The extract is then introduced into the ICP (Inductively Coupled Argon Plasma Emission Spectrometer). In the ICP, an energized plasma is produced and as the energized plasma cools, light is emitted. Each element has a specific wavelength of light and the intensity of the light is used to quantitate the level of mineral in the sample.

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.