

Laboratory #:
333958

TEST REPORT

Submitted By:		Phone #:	██████████
██████████		Fax #:	██████████
██████████		Date Received:	July 08, 2014
██████████		██████████	July 14, 2014

Client: IWL **Package #:** 3R,1MA
Product: MISCELLANEOUS **Complete**
Description: **Sample #:**
 Fish Silage - Yellowish Brown Made with Formic Aci
Arrival Condition: Acceptable

Analysis:	AS RECEIVED	DRY MATTER
Moisture (%) (test date 7/10/2014)	1.25	
Dry Matter (%) (test date 7/10/2014)	98.75	
Crude Protein (%) (test date 7/11/2014)	3.20	3.24
Total Nitrogen (%)	0.51	0.52
Crude Fibre (%) (test date 7/11/2014)	0.00	0.00
Fat (%) (test date 7/11/2014)	97.59	98.82
Ash (%) (test date 7/10/2014)	0.35	0.35
Calcium (%) (test date 7/11/2014)	0.01	0.01
Phosphorus (%) (test date 7/11/2014)	0.04	0.05
Phosphorus Pentoxide (P2O5) (%)	0.10	0.10
Magnesium (%) (test date 7/11/2014)	0.00	0.00
Potassium (%) (test date 7/11/2014)	0.02	0.02
Potassium Oxide (K2O) (%)	0.02	0.02
Sodium (%) (test date 7/11/2014)	0.03	0.03
Sodium Chloride (calc from sodium) (%)	0.08	0.08
Copper (mg/kg) (test date 7/11/2014)	1.79	1.81
Iron (mg/kg) (test date 7/11/2014)	23.45	23.75
Manganese (mg/kg) (test date 7/11/2014)	0.55	0.56
Zinc (mg/kg) (test date 7/11/2014)	10.02	10.14
Total Digestible Nutrients (%)	90.40	90.66
Digestible Energy for Swine (kcal/kg)	7,838.47	7,937.70
Gross Energy for Swine (kcal/kg)	9,588.84	9,710.22
Metabolizable Energy for Swine (kcal/kg)	7,808.72	7,907.57

Results reviewed and approved by Senior Analyst

*Results are based on the sample received and liability is limited to the cost of analysis.
 This report shall not be reproduced except in full without the written authority of Central Testing Laboratory.*

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Submitted By:		Phone #:	
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		Date Received:	July 08, 2014
		Date Printed:	July 14, 2014

Client: IWL **Package #:** 3R,1MA
Product: MISCELLANEOUS **Complete**
Description: **Sample #:**
 Fish Silage - Brown Made with Formic Acid
Arrival Condition: Acceptable

Analysis:	AS RECEIVED	DRY MATTER
Moisture (%) (test date 7/10/2014)	2.59	
Dry Matter (%) (test date 7/10/2014)	97.41	
Crude Protein (%) (test date 7/11/2014)	18.92	19.43
Total Nitrogen (%)	3.03	3.11
Crude Fibre (%) (test date 7/11/2014)	2.57	2.64
Fat (%) (test date 7/11/2014)	74.51	76.49
Ash (%) (test date 7/10/2014)	2.90	2.97
Calcium (%) (test date 7/11/2014)	0.02	0.02
Phosphorus (%) (test date 7/11/2014)	0.53	0.54
Phosphorus Pentoxide (P2O5) (%)	1.21	1.24
Magnesium (%) (test date 7/11/2014)	0.01	0.01
Potassium (%) (test date 7/11/2014)	0.11	0.11
Potassium Oxide (K2O) (%)	0.13	0.13
Sodium (%) (test date 7/11/2014)	0.08	0.08
Sodium Chloride (calc from sodium) (%)	0.20	0.21
Copper (mg/kg) (test date 7/11/2014)	21.70	22.28
Iron (mg/kg) (test date 7/11/2014)	104.51	107.30
Manganese (mg/kg) (test date 7/11/2014)	1.60	1.64
Zinc (mg/kg) (test date 7/11/2014)	75.29	77.29
Total Digestible Nutrients (%)	83.94	85.41
Digestible Energy for Swine (kcal/kg)	6,792.17	6,972.77
Gross Energy for Swine (kcal/kg)	8,364.63	8,587.03
Metabolizable Energy for Swine (kcal/kg)	6,535.46	6,709.23

Results reviewed and approved by Senior Analyst

Methods of Analysis

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████████████████████

Phone #: ██████████
Fax #: ██████████

Date Reported: ██████████

Test or Category	Method of Analysis
Ash.....	AOAC 923.03
Crude Protein.....	AOAC 990.03
Fat.....	AOCS Am 5-04
Crude Fibre.....	AOCS Ba6a-05
Digestible Energy for Swine.....	Calculation
Gross Energy for Swine.....	Calculation
Metabolizable Energy for Swine.....	Calculation
Phosphorus Pentoxide (P2O5).....	Calculation
Potassium Oxide (K2O).....	Calculation
Sodium Chloride (calc from sodium).....	Calculation
Total Digestible Nutrients.....	Calculation
Total Nitrogen.....	Calculation
Mineral.....	Modification of AOAC 968.08, 935.13A
Moisture.....	Moisture Analyzed AOAC 930.15

AOAC: Association of Official Analytical Chemists
AOCS: American Oil Chemist Society