

REPORT NO.
F14034-7000

ACCOUNT NUMBER
64545

A & L GREAT LAKES LABORATORIES, INC.

3505 Conestoga Drive • Fort Wayne, IN 46808 • Phone 260-483-4759 • Fax 260-483-5274
www.algreatlakes.com • lab@algreatlakes.com



QUALITY ANALYSES FOR INFORMED DECISIONS

TO: NORTH AMERICAN AG-GRO CONSULTI
17535 N STATE ROAD 1
SPENCERVILLE, IN 46788-9604

ATTN: JAMES R. MARTINDALE

LAB NUMBER: 38860

SAMPLE ID: FISH EMULSION

EXPECTED ANALYSIS: NONE GIVEN

DATE RECEIVED: 2/3/2014

DATE REPORTED: 2/5/2014 PAGE: 1 of 2

REPORT OF ANALYSIS

| PARAMETER | AS RECEIVED BASIS | DRY BASIS | UNIT | REPORTING LIMIT (AR BASIS) | METHOD REFERENCE |
|-----------------------------|-------------------|-----------|------|----------------------------|--------------------------|
| Moisture (105 deg. C) | 74.6 | 0.0 | % | 0.1 | AOAC 950.01 |
| Solids | 25.4 | 100.0 | % | 0.1 | AOAC 950.01 |
| Total Nitrogen (N) | 1.99 | 7.83 | % | 0.10 | AOAC 993.13 |
| Ammoniacal Nitrogen (NH4-N) | 0.36 | 1.42 | % | 0.01 | Lachat 12-107-06-1-B |
| Nitrate Nitrogen (NO3-N) | 0.01 | 0.04 | % | 0.01 | Lachat QCM 12-107-04-1-B |
| Total Phosphate (P2O5) | 1.36 | 5.35 | % | 0.01 | AOAC 965.09/ICP |
| Soluble Potash (K2O) | 0.43 | 1.69 | % | 0.01 | AOAC 983.02ext/ICP |
| Boron (B) | <0.01 | <0.04 | % | 0.01 | AOAC 965.09/ICP |
| Calcium (Ca) | 1.51 | 5.94 | % | 0.01 | AOAC 965.09/ICP |
| Copper (Cu) | <0.01 | <0.04 | % | 0.01 | AOAC 965.09/ICP |
| Iron (Fe) | 0.04 | 0.16 | % | 0.01 | AOAC 965.09/ICP |
| Magnesium (Mg) | 0.11 | 0.43 | % | 0.01 | AOAC 965.09/ICP |
| Manganese (Mn) | <0.01 | <0.04 | % | 0.01 | AOAC 965.09/ICP |
| Sulfate Sulfur (S) | 2.01 | 7.90 | % | 0.01 | AOAC 965.09/ICP |

Report Approved By:

Diane Thayer

Diane Thayer - Fertilizer Chemist

Approval Date: 2/05/2014

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| Zinc (Zn) | <0.01 | <0.04 | % | 0.01 | AOAC 965.09/ICP |
| pH | 4.12 | | Std. Unit | 0.01 | A&L SOP 7.01 |
| Specific Gravity (60 Deg. F) | 1.073 | | g/cm ³ | 0.100 | TFI (4th) IV.D.2 |
| Passing U.S. #20 Sieve | | 100.0 | % | 0.1 | AOAC 924.02 |
| Passing U.S. #40 Sieve | | 100.0 | % | 0.1 | AOAC 924.02 |
| Passing U.S. #60 Sieve | | 99.5 | % | 0.1 | AOAC 924.02 |
| Passing U.S. #100 Sieve | | 98.5 | % | 0.1 | AOAC 924.02 |
| Passing U.S. #200 Sieve | | 98.2 | % | 0.1 | AOAC 924.02 |