

REPORT NO.
F08095-6009
ACCOUNT NUMBER
52501

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: LOUDOUN COMPOSTING, LLC
44150 WADE DR.
CHANTILLY, VA 20152-1347

FOR: LEAF MULCH

ATTN: TIM HUTCHINSON

LAB NUMBER: 40276

SAMPLE ID: LEAF MULCH

COMPOST ANALYSIS REPORT

DATE SAMPLED: 04/03/2008

DATE RECEIVED: 04/04/2008

DATE REPORTED: 04/16/2008

PAGE: 1

| PARAMETER | UNIT | ANALYSIS RESULT | DRY BASIS RESULT | ANALYSIS METHOD |
|--------------------|-------|-----------------|------------------|-----------------|
| Moisture @ 70 C | % | 46.51 | | TMECC 03.09-A |
| Dry Matter | % | 53.49 | | TMECC 03.09-A |
| Total Nitrogen (N) | % | 0.59 | 1.10 | TMECC 04.02-D |
| Phosphorus (P) | % | 0.06 | 0.11 | TMECC 04.03-A |
| Phosphate (P205) | % | 0.14 | 0.25 | TMECC 04.03-A |
| Potassium (K) | % | 0.27 | 0.50 | TMECC 04.04-A |
| Potash (K2O) | % | 0.32 | 0.60 | TMECC 04.04-A |
| Sulfur (S) | % | 0.07 | 0.14 | TMECC 04.05-S |
| Magnesium (Mg) | % | 0.24 | 0.44 | TMECC 04.05-MG |
| Calcium (Ca) | % | 1.08 | 2.01 | TMECC 04.05-CA |
| Sodium (Na) | % | 0.02 | 0.04 | TMECC 04.05-NA |
| Iron (Fe) | % | 0.47 | 0.88 | TMECC 04.05-FE |
| Aluminum (Al) | % | 0.37 | 0.70 | TMECC 04.07-AL |
| Boron (B) | mg/kg | 16 | 30 | TMECC 04.05-B |
| Copper (Cu) | mg/kg | 18 | 34 | TMECC 04.05-CU |
| Manganese (Mn) | mg/kg | 455 | 851 | TMECC 04.05-MN |
| Zinc (Zn) | mg/kg | 50 | 94 | TMECC 04.05-ZN |

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|------------------------------|------|-----------------|------------------|-----------------|
| pH | - | 5.5 | | TMECC 04.11-A |
| Soluble Salts | dS/m | 2.70 | | TMECC 04.10-A |
| Ash @ 550 C | % | 18.99 | 35.50 | TMECC 03.02-B |
| Organic Matter by LOI @ 550C | % | 34.50 | 64.50 | TMECC 05.07-A |
| Organic Carbon by LOI @ 550C | % | 17.25 | 32.25 | Estimated |
| Carbon:Nitrogen Ratio (C:N) | - | 29.3:1 | 29.3:1 | TMECC 05.02-A |