

REPORT NO.  
F09070-6010  
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: KARBON LEAF MULCH

ATTN: TIM HUTCHINSON

LAB NUMBER: 44681

SAMPLE ID: KARBON LEAF MULCH

## COMPOST ANALYSIS REPORT

DATE SAMPLED: 03/09/2009

DATE RECEIVED: 03/11/2009

DATE REPORTED: 03/17/2009

PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	50.91		TMECC 03.09-A
Dry Matter	%	49.09		TMECC 03.09-A
Total Nitrogen (N)	%	0.44	0.89	TMECC 04.02-D
Phosphorus (P)	%	0.04	0.09	TMECC 04.03-A
Phosphate (P205)	%	0.10	0.21	TMECC 04.03-A
Potassium (K)	%	0.20	0.41	TMECC 04.04-A
Potash (K2O)	%	0.24	0.49	TMECC 04.04-A
Sulfur (S)	%	0.06	0.12	TMECC 04.05-S
Magnesium (Mg)	%	0.20	0.41	TMECC 04.05-MG
Calcium (Ca)	%	0.88	1.79	TMECC 04.05-CA
Sodium (Na)	%	0.03	0.07	TMECC 04.05-NA
Iron (Fe)	%	0.42	0.86	TMECC 04.05-FE
Aluminum (Al)	%	0.36	0.73	TMECC 04.07-AL
Boron (B)	mg/kg	16	33	TMECC 04.05-B
Copper (Cu)	mg/kg	27	55	TMECC 04.05-CU
Manganese (Mn)	mg/kg	364	741	TMECC 04.05-MN
Zinc (Zn)	mg/kg	35	72	TMECC 04.05-ZN

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pH	-	5.5		TMECC 04.11-A
Soluble Salts	dS/m	1.89		TMECC 04.10-A
Ash @ 550 C	%	19.14	38.98	TMECC 03.02-B
Organic Matter by LOI @ 550C	%	29.95	61.02	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	14.98	30.51	Estimated
Carbon:Nitrogen Ratio (C:N)	-	34.3:1	34.3:1	TMECC 05.02-A