

REPORT NO.
F11252-6021
ACCOUNT NUMBER
13568

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: C & C PEAT COMPANY, INC.
1650 COUNTY ROAD 470
OKAHUMPKA, FL 34762-3402

COPY: AL RATTIE

STA

ATTN: MICHAEL WOLFE

LAB NUMBER: 56627
SAMPLE ID: COMPOST

COMPOST ANALYSIS REPORT

DATE SAMPLED: 09/08/2011

DATE RECEIVED: 09/09/2011

DATE REPORTED: 09/22/2011 PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	62.31		TMECC 03.09-A
Dry Matter	%	37.69		TMECC 03.09-A
Total Nitrogen (N)	%	1.27	3.37	TMECC 04.02-D
Phosphorus (P)	%	0.19	0.50	TMECC 04.03-A
Phosphate (P205)	%	0.43	1.15	TMECC 04.03-A
Potassium (K)	%	0.21	0.57	TMECC 04.04-A
Potash (K2O)	%	0.26	0.68	TMECC 04.04-A
Magnesium (Mg)	%	0.08	0.21	TMECC 04.05-MG
Calcium (Ca)	%	0.67	1.79	TMECC 04.05-CA
Arsenic	mg/kg	0.426	1.129	SW846-6020 04.06-As
Cadmium	mg/kg	0.106	0.280	SW846-6020 04.06-Cd
Chromium	mg/kg	2.11	5.59	SW846-6020 04.06-Cr
Copper	mg/kg	29.22	77.52	SW846-6020 04.06-Cu

TMECC - Test Methods for the Examination of Composting and Compost, The U.S. Composting Council.

Report Approved By:

Lois K. Parker - President

Approval Date: 9/22/2011

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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Mercury	mg/kg		< 0.59	SW846-6020 04.06-Hg
Molybdenum	mg/kg	1.37	3.63	SW846-6020 04.06-Mo
Nickel	mg/kg	1.07	2.84	SW846-6020 04.06-Ni
Lead	mg/kg	1.35	3.58	SW846-6020 04.06-Pb
Selenium	mg/kg		< 0.56	SW846-6020 04.06-Se
Zinc	mg/kg	51.7	137.3	SW846-6020 04.06-Zn
pH	-	8.0		TMECC 04.11-A
Soluble Salts	dS/m	3.86		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	22.40	59.43	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	11.20	29.71	Estimated
Carbon:Nitrogen Ratio (C:N)	-	8.8:1	8.8:1	TMECC 05.02-A
Germination - Emergence	%	100		TMECC 05.05-A

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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Germination - Vigor	%	65		TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	4.9		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	5.0		TMECC 05.05-A
Respiration - CO ₂ -C/g TS	mg CO ₂ -C / g TS/Day		1	TMECC 05.08-B
Respiration - CO ₂ -C/g OM	mg CO ₂ -C / g OM/Day		1	TMECC 05.08-B
Compost Stability Index	-		Very Stable	TMECC 05.08
Retained on U.S. 2-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 1-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 5/8-inch	%		0.00	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		4.73	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		13.08	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		54.84	TMECC 02.02-B