

REPORT NO.
F04148-6002
ACCOUNT NUMBER
63512

A & L GREAT LAKES LABORATORIES, INC.

3505 Conestoga Drive • Fort Wayne, Indiana 46808-4413 • Phone 260-483-4759 • Fax 260-483-5274
www.algreatlakes.com • lab@algreatlakes.com



TO: ANGELINA-NECHES RIVER AUTHOR.
PO BOX 387
LUFKIN, TX 75902

COPY: AL RATTIE

STA

ATTN: JON CHEATHAM

COMPOST ANALYSIS REPORT

LAB NUMBER: 24330

SAMPLE ID: BIO SOLID COMPOST

DATE RECEIVED: 05/27/2004

DATE REPORTED: 10/29/2004 PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	47.40		TMECC 03.09-A
Dry Matter	%	52.60		TMECC 03.09-A
Total Nitrogen (N)	%	0.72	1.36	TMECC 04.02-D
Phosphorus (P)	%	0.57	1.09	TMECC 04.03-A
Phosphate (P205)	%	1.32	2.51	TMECC 04.03-A
Potassium (K)	%	0.12	0.23	TMECC 04.04-A
Potash (K2O)	%	0.15	0.28	TMECC 04.04-A
Magnesium (Mg)	%	0.10	0.19	TMECC 04.05-MG
Calcium (Ca)	%	0.94	1.78	TMECC 04.05-CA
Arsenic	mg/kg	4.69	8.92	SW846-7061A 04.06-As
Cadmium	mg/kg	0.65	1.24	SW846-6010B 04.06-Cd
Copper	mg/kg	96.0	182.5	SW846-6010B 04.06-Cu
Mercury	mg/kg	0.59	1.12	SW846-7471A 04.06-Hg
Molybdenum	mg/kg	9.44	17.94	SW846-6010B
Nickel	mg/kg	20.46	38.89	SW846-6010B 04.06-Ni
Lead	mg/kg	17.0	32.3	SW846-6010B 04.06-Pb
Selenium	mg/kg	1.17	2.23	SW846-7741A 04.06-Se

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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Zinc	mg/kg	189.9	361.0	SW846-6010B 04.06-Zn
pH	-	7.5		TMECC 04.11-A
Soluble Salts	dS/m	1.28		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	23.13	43.98	TMECC 05.07-A
Germination - Emergence	%	100		TMECC 05.05-B
Germination - Vigor	%	65		TMECC 05.05-B
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	%		2.51	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		12.10	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		11.40	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		12.00	TMECC 02.02-B

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COMPOST ANALYSIS REPORT

LAB NUMBER: 24331

SAMPLE ID: NATURAL WOOD COMPOST

DATE RECEIVED: 05/27/2004

DATE REPORTED: 10/29/2004 PAGE: 3

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	42.52		TMECC 03.09-A
Dry Matter	%	57.48		TMECC 03.09-A
Total Nitrogen (N)	%	0.53	0.93	TMECC 04.02-D
Phosphorus (P)	%	0.47	0.81	TMECC 04.03-A
Phosphate (P205)	%	1.07	1.86	TMECC 04.03-A
Potassium (K)	%	0.14	0.24	TMECC 04.04-A
Potash (K2O)	%	0.17	0.29	TMECC 04.04-A
Magnesium (Mg)	%	0.10	0.18	TMECC 04.05-MG
Calcium (Ca)	%	1.36	2.37	TMECC 04.05-CA
Arsenic	mg/kg	7.08	12.31	SW846-7061A 04.06-As
Cadmium	mg/kg	0.62	1.07	SW846-6010B 04.06-Cd
Copper	mg/kg	70.1	122.0	SW846-6010B 04.06-Cu
Mercury	mg/kg	0.27	0.47	SW846-7471A 04.06-Hg
Molybdenum	mg/kg	1.97	3.43	SW846-6010B
Nickel	mg/kg	19.69	34.25	SW846-6010B 04.06-Ni
Lead	mg/kg	17.5	30.4	SW846-6010B 04.06-Pb
Selenium	mg/kg	0.88	1.53	SW846-7741A 04.06-Se

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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Zinc	mg/kg	147.4	256.4	SW846-6010B 04.06-Zn
pH	-	7.4		TMECC 04.11-A
Soluble Salts	dS/m	0.84		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	22.34	38.87	TMECC 05.07-A
Germination - Emergence	%	100		TMECC 05.05-B
Germination - Vigor	%	72		TMECC 05.05-B
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	%		1.03	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		7.29	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		8.26	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		8.50	TMECC 02.02-B