



SIS-2010-04-27-01

May 14, 2010

Kate Brackett
Florida Department of Environmental Protection Chemistry
Section
2600 Blair Stone Road
Tallahassee, FL 32399

Re: SunLabs Project Number: **100430.08**
Client Project Description: **SIS-2010-04-27-01**

Dear Ms. Brackett:

Enclosed is the report of laboratory analysis for the following samples:

Sample Number	Sample Description	Date Collected
101400	1266651	4/26/2010

Copies of the Chain(s)-of-Custody, if received, are attached to this report.

If you have any questions or comments concerning this report, please do not hesitate to contact us.

Sincerely,

Michael W. Palmer
Vice President, Laboratory Operations

Enclosures

SunLabs, Inc.

5460 Beaumont Center Blvd., Suite 520
Tampa, Florida 33634

Unless Otherwise Noted and Where Applicable:

These samples were received at the proper temperature and were analyzed as received. The results herein relate only to the items tested or to the samples as received by the laboratory. This report shall not be reproduced except in full, without the written approval of the laboratory. Records for all solid matrices are reported on a dry weight basis. All samples will be disposed of within 90 days of the date of receipt of the samples. All samples in the body of the report are environmental samples. All results in the Quality Control (QC) section are labeled appropriately. All results meet the requirements of the NELAP standards. Precision is given at the end of the report. Uncertainty values are available upon request.

Cover Page 1 of 1

Phone: 813-881-9401

Fax: 813-354-4661

Email: Info@SunLabsInc.com



Report of Laboratory Analysis

SunLabs
Project Number

100430.08

Florida Department of
Environmental Protection
Chemistry Section

Project Description

SIS-2010-04-27-01

May 14, 2010

SunLabs Sample Number **101400**
Sample Designation **1266651**

Matrix Soil
Date Collected 4/26/2010 20:00
Date Received 4/30/2010 10:30

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
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Percent Moisture

% Moisture	160.3M	%	18			0.12		05/03/10	
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Quaternary Ammonium Herbicides by SLI 549.2

Date Extracted	549.2-Mod.		05/10/10	1				05/13/10 19:46	05/10/10 14:00
Diquat	549.2-Mod.	mg/kg	0.049 U	1	0.049	1.2	85-00-7	05/13/10 19:46	05/10/10 14:00
Paraquat	549.2-Mod.	mg/kg	0.061 U	1	0.061	1.2	4685-14-7	05/13/10 19:46	05/10/10 14:00

Laboratory ID Number - E84809



Report of Laboratory Analysis

SunLabs
Project Number

100430.08

Florida Department of
Environmental Protection
Chemistry Section

Project Description

SIS-2010-04-27-01

May 14, 2010

Footnotes

- ** SunLabs is not currently NELAC certified for this analyte.
- I* The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J* The reported value failed to meet the established quality control criteria for either precision or accuracy(see cover letter for explanation)
- LCS* Laboratory Control Sample
- LCSD* Laboratory Control Sample Duplicate
- MB* Method Blank
- MS* Matrix Spike
- MSD* Matrix Spike Duplicate
- NA* Sample not analyzed at client's request.
- Q* Sample held beyond the accepted holding time.
- RL* RL(reporting limit) = PQL(practical quantitation limit).
- RPD* Relative Percent Difference
- U* Compound was analyzed for but not detected.
- V* Indicates that the analyte was detected in both the sample and the associated method blank.

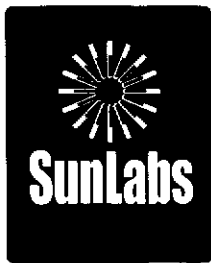
Laboratory ID Number - E84809

SunLabs, Inc.

5460 Beaumont Center Blvd., Suite 520
Tampa, Florida 33634

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Phone: 813-881-9401
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Quality Control Data

Project Number

100430.08

Florida Department of
Environmental Protection
Chemistry Section

Project Description

SIS-2010-04-27-01

Batch No: D4212

Test: Quarternary Ammonium Herbicides by SLI 549.2

TestCode: 549.2-S

Associated Samples

101400

Compound	Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits--- RPD LCS	MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits--- RPD MS	Dup RPD	Qualifiers
Parent Sample Number							101400	101400					
Date Extracted	05/10/10			13/10			13/10	13/10		0			
Diquat	0.04 U mg/kg	1000	44			7-104	1000	34	33	3	38	0-141	
Paraquat	0.05 U mg/kg	1000	79			17-104	1000	75	78	4	94	0-119	

* indicates value is outside control limits for %Recovery or greater than acceptance criteria for RPD

Footnotes

U Compound was analyzed for but not detected.

#100430.08

SIS-2010-04-27-01				
TLH-2010-04-27-64				
Acreage April 2010 GW & Soil				
SAMPLE ID	FIELD ID	DATE SAMPLED	MATRIX	ANALYSIS
1266651	75-A	4/26/2010 20:00	S-OTHER	OV-PDQUT-S

#101400

Chilber
4/24/10 1030a
fedex 4.4°C

515-2010-04-27-01

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
TASK ASSIGNMENT/NOTIFICATION FORM: DEP PURCHASE ORDER NO

Contract Manager: Kate Brackett, MS 6510
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400

(850) 245-8085

Contractor: SunLabs, Inc.
5460 Beaumont Center Blvd., Suite 520
Tampa, FL 33634

(813) 881-9401

State Approval By: [Signature]
Project Manager

Contractor Approval By: [Signature]
Project Manager

Contractor Representative Contacted: Christina Hillier/Lori Palm Date: 4/20 & 4/28/10

Means of Contact: e-mail

Task Assignment Number: SL5 Maximum Cost: \$200.00

Turnaround Time: 2 weeks if possible, up to 28 days

Sample Delivery Date: shipped 4/28/10

ProjectName/Description: (include purpose, location, etc.) 515 Accump

Parameter Group/ Method	Sample Matrix	# of Samples	# of QC Samples	DEP ID #	Unit Cost	%mark-up (if any)	Cost
Aracuat/Digues	Soil	1	See below	1266651	200.00		200.00
							Total: \$200.00

Total Number of Containers Shipped: 1

QC Instructions: Report batch ^{Sample} matrix spikes

Samples released to Contract Lab by: [Signature] /Date/Time 4/28/10 / 1200P

Delivery Method: Fed Ex [Signature] 4/29/10 / 1300

Received by: _____ /Date/Time _____

* Please sign and return by FAX at (850) 412-0497 or e-mail to kathryn.brackett@dep.state.fl.us

Xerox copy Sent To:

Contracts-MS #93

F&A-MS #78

Bureau of Labs

Additional aliquot of sample 1266651 shipped on 4/29/10.
Christina Hillier called on 4/29 to say original sample had been
compromised by ice water in cooler.

1498
4/29/10

SIS-2010-04-27-01				
TLH-2010-04-27-64				
Acreage April 2010 GW & Soil				
SAMPLE ID	FIELD ID	DATE SAMPLED	MATRIX	ANALYSIS
1266651	75-A	4/26/2010 20:00	S-OTHER	OV-PDQUT-S