

CALSCIENCE

WORK ORDER NUMBER: 13-10-2030

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: San Joaquin County District Attorney

Client Project Name: Not Listed

Attention: Heidi D'Agostino
222 East Weber
Stockton, CA 95202-2709

Approved for release on 11/14/2013 by:
Danielle Gonsman
Project Manager

ResultLink ▶

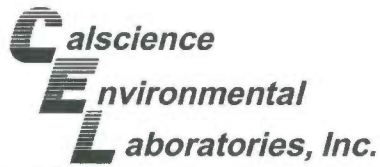
Email your PM ▶



Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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NELAP ID: 03270CA | DSD-ELAP ID: L10-41 | CSDLAC ID: 10109 | SCAQMD ID: 99LA0030



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Work Order Number: 13-10-2030

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Work Order Narrative

Work Order: 13-10-2030

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Condition Upon Receipt:

Samples were received under Chain of Custody (COC) on 10/28/13. They were assigned to Work Order 13-10-2030.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of ≤ 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

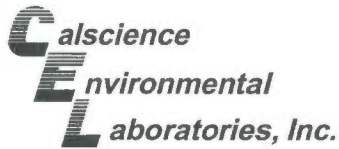
Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.





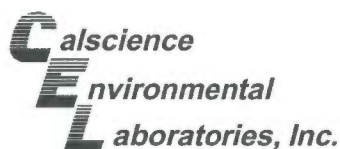
Sample Summary

Client: San Joaquin County District Attorney 222 East Weber Stockton, CA 95202-2709	Work Order: 13-10-2030 Project Name: Not Listed PO Number: Date/Time Received: 10/28/13 10:20 Number of Containers: 61
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Attn: Heidi D'Agostino

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
1B	13-10-2030-1	10/24/13 14:00	4	Solid
2B	13-10-2030-2	10/24/13 14:00	2	Solid
3B	13-10-2030-3	10/24/13 14:00	4	Solid
4B	13-10-2030-4	10/24/13 14:00	2	Solid
5B	13-10-2030-5	10/24/13 14:00	4	Solid
6B	13-10-2030-6	10/24/13 14:00	2	Solid
7B	13-10-2030-7	10/24/13 14:00	1	Solid
8B	13-10-2030-8	10/24/13 14:00	1	Solid
9B	13-10-2030-9	10/24/13 14:00	2	Solid
10B	13-10-2030-10	10/24/13 14:00	2	Solid
11B	13-10-2030-11	10/24/13 14:00	5	Solid
12B	13-10-2030-12	10/24/13 14:00	4	Solid
13B	13-10-2030-13	10/24/13 14:00	6	Solid
14B	13-10-2030-14	10/24/13 14:00	2	Solid
15B	13-10-2030-15	10/24/13 14:00	2	Solid
16B	13-10-2030-16	10/24/13 14:00	4	Solid
17B	13-10-2030-17	10/24/13 14:00	3	Solid
18B	13-10-2030-18	10/24/13 14:00	1	Solid
19B	13-10-2030-19	10/24/13 14:00	6	Solid
20B	13-10-2030-20	10/24/13 14:00	4	Solid

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Analytical Report

San Joaquin County District Attorney
222 East Weber
Stockton, CA 95202-2709

Date Received: 10/28/13
Work Order: 13-10-2030
Preparation: N/A
Method: CA Fish and Game
Page 1 of 20

Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.81 units	Conductivity:	910 umhos/cm
Dissolved Oxygen (D.O.):	7.19 mg/L	Alkalinity:	196 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
1B	13-10-2030-1-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	0	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.



Analytical Report

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Date Received: 10/28/13
 Work Order: 13-10-2030
 Preparation: N/A
 Method: CA Fish and Game
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Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.83 units	Conductivity:	920 umhos/cm
Dissolved Oxygen (D.O.):	7.15 mg/L	Alkalinity:	200 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
2B	13-10-2030-2-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	
<u>Parameter</u>	<u>Result</u>	<u>Units</u>				
Bioassay 750 mg/L (% Mortality)	0	%				
Bioassay 250 mg/L (% Mortality)	0	%				

Laboratory Notes

All testing was within method protocol.

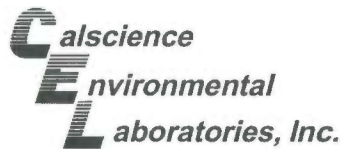
Sample was received within recommended holding time.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.

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Date Received: 10/28/13
Work Order: 13-10-2030
Preparation: N/A
Method: CA Fish and Game
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Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.84 units	Conductivity:	910 umhos/cm
Dissolved Oxygen (D.O.):	7.2 mg/L	Alkalinity:	198 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
3B	13-10-2030-3-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	0	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.



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Date Received: 10/28/13
 Work Order: 13-10-2030
 Preparation: N/A
 Method: CA Fish and Game
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Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.82 units	Conductivity:	910 umhos/cm
Dissolved Oxygen (D.O.):	7.18 mg/L	Alkalinity:	198 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
4B	13-10-2030-4-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Bioassay 750 mg/L (% Mortality)	0	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

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Date Received: 10/28/13
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Preparation: N/A
Method: CA Fish and Game

Project: Not Listed

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Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.8 units	Conductivity:	910 umhos/cm
Dissolved Oxygen (D.O.):	7.18 mg/L	Alkalinity:	196 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
5B	13-10-2030-5-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	0	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.



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Date Received: 10/28/13
Work Order: 13-10-2030
Preparation: N/A
Method: CA Fish and Game
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Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.83 units	Conductivity:	920 umhos/cm
Dissolved Oxygen (D.O.):	7.15 mg/L	Alkalinity:	200 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
6B	13-10-2030-6-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	10	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.



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Date Received: 10/28/13
Work Order: 13-10-2030
Preparation: N/A
Method: CA Fish and Game
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Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.83 units	Conductivity:	920 umhos/cm
Dissolved Oxygen (D.O.):	7.12 mg/L	Alkalinity:	200 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
7B	13-10-2030-7-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	0	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.

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Date Received: 10/28/13
 Work Order: 13-10-2030
 Preparation: N/A
 Method: CA Fish and Game
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Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.82 units	Conductivity:	920 umhos/cm
Dissolved Oxygen (D.O.):	7.2 mg/L	Alkalinity:	202 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
8B	13-10-2030-8-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	
<u>Parameter</u>	<u>Result</u>	<u>Units</u>				
Bioassay 750 mg/L (% Mortality)	0	%				
Bioassay 250 mg/L (% Mortality)	0	%				

Laboratory Notes

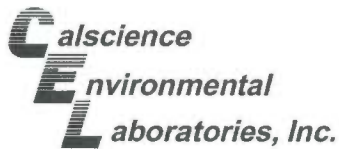
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Sample was received within recommended holding time.

LC 50 Results

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Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.82 units	Conductivity:	910 umhos/cm
Dissolved Oxygen (D.O.):	7.14 mg/L	Alkalinity:	196 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
9B	13-10-2030-9-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	0	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.

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Method: CA Fish and Game
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Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.81 units	Conductivity:	920 umhos/cm
Dissolved Oxygen (D.O.):	7.18 mg/L	Alkalinity:	198 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
10B	13-10-2030-10-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	0	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

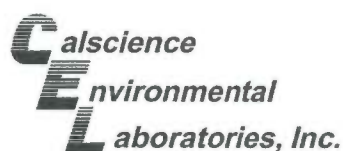
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Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	19.8 mg/L	Temperature:	19.8 °C
pH:	7.82 units	Conductivity:	910 umhos/cm
Dissolved Oxygen (D.O.):	7.16 mg/L	Alkalinity:	198 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
11B	13-10-2030-11-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Bioassay 750 mg/L (% Mortality)	0	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.

Analytical Report

San Joaquin County District Attorney
 222 East Weber
 Stockton, CA 95202-2709

Date Received: 10/28/13
 Work Order: 13-10-2030
 Preparation: N/A
 Method: CA Fish and Game
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Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.82 units	Conductivity:	920 umhos/cm
Dissolved Oxygen (D.O.):	7.13 mg/L	Alkalinity:	202 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
12B	13-10-2030-12-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	0	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.



Analytical Report

San Joaquin County District Attorney
222 East Weber
Stockton, CA 95202-2709

Date Received: 10/28/13
Work Order: 13-10-2030
Preparation: N/A
Method: CA Fish and Game
Page 13 of 20

Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.82 units	Conductivity:	910 umhos/cm
Dissolved Oxygen (D.O.):	7.2 mg/L	Alkalinity:	196 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
13B	13-10-2030-13-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	0	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.

Analytical Report

San Joaquin County District Attorney
 222 East Weber
 Stockton, CA 95202-2709

Date Received: 10/28/13
 Work Order: 13-10-2030
 Preparation: N/A
 Method: CA Fish and Game
 Page 14 of 20

Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.84 units	Conductivity:	920 umhos/cm
Dissolved Oxygen (D.O.):	7.17 mg/L	Alkalinity:	200 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
14B	13-10-2030-14-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Bioassay 750 mg/L (% Mortality)	20	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

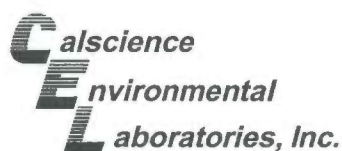
Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.



Analytical Report

San Joaquin County District Attorney
222 East Weber
Stockton, CA 95202-2709

Date Received: 10/28/13
Work Order: 13-10-2030
Preparation: N/A
Method: CA Fish and Game
Page 15 of 20

Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.81 units	Conductivity:	920 umhos/cm
Dissolved Oxygen (D.O.):	7.16 mg/L	Alkalinity:	202 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
15B	13-10-2030-15-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	0	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

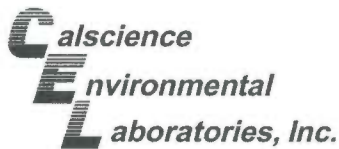
Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.



Analytical Report

San Joaquin County District Attorney
222 East Weber
Stockton, CA 95202-2709

Date Received: 10/28/13
Work Order: 13-10-2030
Preparation: N/A
Method: CA Fish and Game
Page 16 of 20

Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.81 units	Conductivity:	910 umhos/cm
Dissolved Oxygen (D.O.):	7.14 mg/L	Alkalinity:	196 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
16B	13-10-2030-16-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	0	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.

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Analytical Report

San Joaquin County District Attorney
222 East Weber
Stockton, CA 95202-2709

Date Received: 10/28/13
Work Order: 13-10-2030
Preparation: N/A
Method: CA Fish and Game
Page 17 of 20

Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.83 units	Conductivity:	920 umhos/cm
Dissolved Oxygen (D.O.):	7.2 mg/L	Alkalinity:	200 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
17B	13-10-2030-17-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	
<u>Parameter</u>	<u>Result</u>	<u>Units</u>				
Bioassay 750 mg/L (% Mortality)	0	%				
Bioassay 250 mg/L (% Mortality)	0	%				

Laboratory Notes

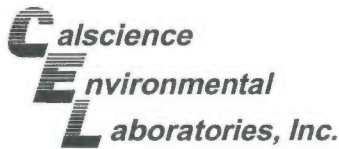
Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.



Analytical Report

San Joaquin County District Attorney
222 East Weber
Stockton, CA 95202-2709

Date Received: 10/28/13
Work Order: 13-10-2030
Preparation: N/A
Method: CA Fish and Game
Page 18 of 20

Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.82 units	Conductivity:	910 umhos/cm
Dissolved Oxygen (D.O.):	7.13 mg/L	Alkalinity:	196 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
18B	13-10-2030-18-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	0	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.

Analytical Report

San Joaquin County District Attorney
222 East Weber
Stockton, CA 95202-2709

Date Received: 10/28/13
Work Order: 13-10-2030
Preparation: N/A
Method: CA Fish and Game
Page 19 of 20

Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.8 units	Conductivity:	920 umhos/cm
Dissolved Oxygen (D.O.):	7.18 mg/L	Alkalinity:	200 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
19B	13-10-2030-19-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	0	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.



Analytical Report

San Joaquin County District Attorney
222 East Weber
Stockton, CA 95202-2709

Date Received: 10/28/13
Work Order: 13-10-2030
Preparation: N/A
Method: CA Fish and Game
Page 20 of 20

Project: Not Listed

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	10/24/13 14:00:00	Sample Received:	10/28/13 10:20:00		
Test Start:	10/29/13 14:00:00	Test End:	11/02/13 14:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.83 units	Conductivity:	910 umhos/cm
Dissolved Oxygen (D.O.):	7.13 mg/L	Alkalinity:	198 mg/L
Hardness:	42 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
20B	13-10-2030-20-A	10/24/13	Solid	10/29/13	11/02/13 14:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	0	%
Bioassay 250 mg/L (% Mortality)	0	%

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.10
Upper 95% confidence limit:	26.60
Lower 95% confidence limit:	23.60

SRT: Standard Reference Toxicant.

Glossary of Terms and Qualifiers

Work Order: 13-10-2030

Page 1 of 1

<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.



**OFFICE OF THE DISTRICT ATTORNEY
SAN JOAQUIN COUNTY**

222 E. Weber Avenue, Suite 678, Stockton, CA 95202
P.O. Box 990, Stockton, California 95201
Telephone: (209) 468-2400 Fax: (209) 468-0314

13-10-2030

Please send results to:
Name: Investigator Heidi D'Agostino
Email: heidi.dagostino@yolocounty.org
Fax: 530-666-8423

Testing Facility

Facility name: Calscience Environmental Laboratories, Inc.
Facility address: 7440 Lincoln Way, Garden Grove, CA 92841-1427
Facility contact: Danielle Gonsman, Project Manager

CHAIN OF CUSTODY RECORD

L2 Sample Number	Description	Manufacturer	CVS Item#	UPC	Strength	Main Ingredient / Or Usage / NOTES	Date sampled	Time sampled	Sample container description				Required analysis	
									Method of sampling: Composite (C) Grab (G)	Size of sample container (include units)	Type of sample container: Glass (G) Plastic (P) Metal tube (MT) VOA (V)	Evidence tape: Yes (Y) No (N)	Transported in ice cooler: Yes (Y) No (N)	96-hour fish bioassay
1B	VITAMIN A	RADIANCE	501033	1733902470	8000IU	Vitamin A	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
2B	NIACIN (VITAMIN B-3)	NATURE'S BOUNTY	740535	7431201976	500mg	B-3 (Inositol hexanicotinate)	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
3B	VITAMIN B-6	NATURE MADE	170308	3160401285	100mg	B-6	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
4B	VITAMIN B12	SUNDOWN	718222	3076818565	6000mcg	B-12	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
5B	VITAMIN C	NATURE MADE	695148	3160401489	1000mg	(Man-made Vitamin C) Ascorbic Acid	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
6B	EMERGEN-C	EMERGEN-C	896727	7631430297	1000mg	Natural Vitamin C (critric Acid)	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
7B	CALTRATE GUMMY BITES (D-3)	CALTRATE	854981	30005551750	1000mg	Calcium (Tribasic Calcium Phosphate) & D3	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
8B	CALCIUM CHEWS - CHOC	CALTRATE	826010	30005556819	1200mg	Calcium Carbonate	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
9B	VITAMIN E	NATURE MADE	168864	3160401170	1000IU	Vitamin E	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
10B	GERITOL LIQUID (IRON)	GERITOL	99895	34601701104	18 mg 90% EPA and	Ferric Ammonium Citrate	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
11B	OMEGA 3	CENTRUM	854993	30005760450	DHA (600mg)	Fish Oil Concentrate	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
12B	KRILL OIL	NATURE MADE	860744	3160402738	300mg	Krill Oil	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
13B	MOVE FREE ULTRA	SCHIFF	860691	2052511841	40 mg 1500mg in	Hyaluronic Acid & Collagen (for joints) Glucosamine HCl (joints, but different than Hyaluronic acid/Collagen)	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
14B	COSAMIN ASU	NUTRA-MAX	439889	75597082002	four capsules		10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
15B	FLEX-A-MIN TRIPLE STRENGTH	NATURE'S BOUNTY	156859	69986627822	1237 mg	Chondroitin Sulfate Complex	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
16B	MELATONIN	SUNDOWN	496602	3076815745	6mg	Melatonin	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
17B	CO Q-10	NATURE'S BOUNTY		7431202532	400mg	Co Q-10	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
18B	PROSTATE FORMULA	BIOGLAN	383085	64712500001	N/A	Pomigranite, Quercin, Calcium Carbonate	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
19B	LUTEIN	NATURE'S BOUNTY	238932	7431204902	20mg	Lutein	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X
20B	SAM-E	NATURE MADE	161408	3160441107	400mg	S-adenosylmethionine Tosylate Disulfate	10/24/2013	2:00 p.m.	n/a	200g (min)	P	N	N	X

NOTE: All Samples were taken at 222 E. Weber Ave., Room 678, Stockton, CA 95202

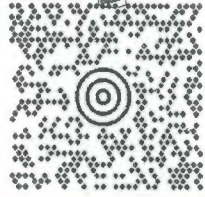
	Name	Title	Date	Time	Remarks
Relinquished by:	<i>[Signature]</i>	<i>Pharmacol</i>	<i>10/24/13</i>	<i>2:40 p.m.</i>	
Received by:	<i>[Signature]</i>	<i>SC Tech.</i>	<i>10/28/13</i>	<i>1020</i>	
Relinquished by:					
Received by:					
Relinquished by:					
Received by:					

FROM:
TONY BLAIR
(209) 468-3390
SAN JOAQUIN COUNTY
44 N SAN JOAQUIN ST
STOCKTON CA 95202-2924

16 LBS

1 OF 1

FOR UPS SHIPPING ONLY



CA 927 9-09

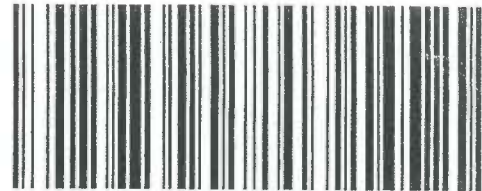


2030

SHIP TO:
CALSCIENCE ENVIRONMENTAL LAB
7440 LINCOLN WAY
GARDEN GROVE CA 92841-1427

UPS GROUND

TRACKING #: 1Z 785 754 03 4668 4383



Dept No.: 2020200000 DISTRICT ATTORNEY

BILLING: P/P

WORK ORDER #: **13-10-2030**

SAMPLE RECEIPT FORM

Box
Cooler 1 of 1
15 10/28/13

CLIENT: San Joaquin Co.

DATE: 10/28/13

TEMPERATURE: Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 19.1 °C - 0.2 °C (CF) = 18.9 °C Blank Sample

Sample(s) outside temperature criteria (PM/APM contacted by: 15).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: Air Filter Checked by: 15

CUSTODY SEALS INTACT:

Cooler _____ No (Not Intact) Not Present N/A Checked by: 15

Sample _____ No (Not Intact) Not Present Checked by: 836

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> No analysis requested. <input type="checkbox"/> Not relinquished. <input type="checkbox"/> No date/time relinquished.			
Sampler's name indicated on COC.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers and sufficient volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aqueous samples received within 15-minute holding time			
<input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfides <input type="checkbox"/> Dissolved Oxygen.....			
Proper preservation noted on COC or sample container.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

CONTAINER TYPE:

Solid: 4ozCGJ 8ozCGJ 16ozCGJ Sleeve (____) EnCores® TerraCores® 836

Aqueous: VOA VOAh VOAna₂ 125AGB 125AGBh 125AGBp 1AGB 1AGBna₂ 1AGBs

500AGB 500AGJ 500AGJs 250AGB 250CGB 250CGBs 1PB 1PBna 500PB

250PB 250PBn 125PB 125PBzanna 100PJ 100PJna₂ _____ _____ _____

Air: Tedlar® Canister Other: _____ Trip Blank Lot#: _____ Labeled/Checked by: 836

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: 310

Preservative: h: HCL n: HNO₃ na₂: Na₂S₂O₃ na: NaOH p: H₃PO₄ s: H₂SO₄ u: Ultra-pure zanna: ZnAc₂+NaOH f: Filtered Scanned by: 836

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