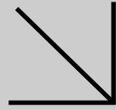




Environmental
Calscience

Supplemental Report 1

Additional requested analyses have been added to the original report.



WORK ORDER NUMBER: 15-03-0610

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Yolo County District Attorney's Office

Client Project Name: Bioassay Testing

Attention: Heidi D'Agostino
301 Second Street
Woodland, CA 95695-3415

Approved for release on 04/16/2015 by:
Danielle Gonsman
Project Manager

ResultLink ▶

Email your PM ▶



Eurofins Calscience, 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.



Contents

Client Project Name: Bioassay Testing
Work Order Number: 15-03-0610

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 03/09/15. They were assigned to Work Order 15-03-0610.

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.

Subcontractor Information:

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

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.



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Sample Summary

Client: Yolo County District Attorney's Office	Work Order:	15-03-0610
301 Second Street	Project Name:	Bioassay Testing
Woodland, CA 95695-3415	PO Number:	
	Date/Time Received:	03/09/15 12:00
	Number of Containers:	47

Attn: Heidi D'Agostino

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
220B	15-03-0610-1	03/05/15 10:00	7	Solid
221B	15-03-0610-2	03/05/15 10:00	10	Solid
222B	15-03-0610-3	03/05/15 10:00	4	Other
223B	15-03-0610-4	03/05/15 10:00	8	Solid
224B	15-03-0610-5	03/05/15 10:00	2	Other
225B	15-03-0610-6	03/05/15 10:00	2	Other
226B	15-03-0610-7	03/05/15 10:00	1	Solid
227B-composite	15-03-0610-8	03/05/15 10:00	2	Solid
227B-red	15-03-0610-9	03/05/15 10:00	2	Solid
227B-blue	15-03-0610-10	03/06/15 10:00	2	Solid
227B-green	15-03-0610-11	03/07/15 10:00	2	Solid
228B	15-03-0610-12	03/05/15 10:00	3	Solid
229B	15-03-0610-13	03/05/15 10:00	2	Solid

Return to Contents

Analytical Report

Yolo County District Attorney's Office
301 Second Street
Woodland, CA 95695-3415

Date Received: 03/09/15
Work Order: 15-03-0610
Preparation: N/A
Method: CA Fish and Game

Project: Bioassay Testing

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Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.47 g
Sample Collected:	03/05/15 10:00:00	Sample Received:	03/09/15 12:00:00		
Test Start:	03/27/15 17:00:00	Test End:	03/31/15 17:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	20.1 °C
pH:	7.77 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.1 mg/L	Alkalinity:	192 mg/L
Hardness:	40 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
220B	15-03-0610-1	03/05/15	Solid	03/27/15	03/31/15 17:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	100	%
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):	25.60
Upper 95% confidence limit:	26.00
Lower 95% confidence limit:	25.30

SRT: Standard Reference Toxicant.



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Analytical Report

Yolo County District Attorney's Office
301 Second Street
Woodland, CA 95695-3415

Date Received: 03/09/15
Work Order: 15-03-0610
Preparation: N/A
Method: CA Fish and Game

Project: Bioassay Testing

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Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.47 g
Sample Collected:	03/05/15 10:00:00	Sample Received:	03/09/15 12:00:00		
Test Start:	03/27/15 17:00:00	Test End:	03/31/15 17:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	20.1 °C
pH:	7.76 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.13 mg/L	Alkalinity:	190 mg/L
Hardness:	40 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
221B	15-03-0610-2	03/05/15	Solid	03/27/15	03/31/15 17:00:00	

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):	25.60
Upper 95% confidence limit:	26.00
Lower 95% confidence limit:	25.30

SRT: Standard Reference Toxicant.

Analytical Report

Yolo County District Attorney's Office
 301 Second Street
 Woodland, CA 95695-3415

Date Received: 03/09/15
 Work Order: 15-03-0610
 Preparation: N/A
 Method: CA Fish and Game

Project: Bioassay Testing

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Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.47 g
Sample Collected:	03/05/15 10:00:00	Sample Received:	03/09/15 12:00:00		
Test Start:	03/27/15 17:00:00	Test End:	03/31/15 17:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	20.1 °C
pH:	7.78 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.05 mg/L	Alkalinity:	190 mg/L
Hardness:	40 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
222B	15-03-0610-3	03/05/15	Other	03/27/15	03/31/15 17:00:00	

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):	25.60
Upper 95% confidence limit:	26.00
Lower 95% confidence limit:	25.30

SRT: Standard Reference Toxicant.

Analytical Report

Yolo County District Attorney's Office
301 Second Street
Woodland, CA 95695-3415

Date Received: 03/09/15
Work Order: 15-03-0610
Preparation: N/A
Method: CA Fish and Game

Project: Bioassay Testing

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Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.47 g
Sample Collected:	03/05/15 10:00:00	Sample Received:	03/09/15 12:00:00		
Test Start:	03/27/15 17:00:00	Test End:	03/31/15 17:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	20.1 °C
pH:	7.77 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.14 mg/L	Alkalinity:	192 mg/L
Hardness:	40 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
223B	15-03-0610-4	03/05/15	Solid	03/27/15	03/31/15 17:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	100	%
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):	25.60
Upper 95% confidence limit:	26.00
Lower 95% confidence limit:	25.30

SRT: Standard Reference Toxicant.



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Analytical Report

Yolo County District Attorney's Office
301 Second Street
Woodland, CA 95695-3415

Date Received: 03/09/15
Work Order: 15-03-0610
Preparation: N/A
Method: CA Fish and Game

Project: Bioassay Testing

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Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.47 g
Sample Collected:	03/05/15 10:00:00	Sample Received:	03/09/15 12:00:00		
Test Start:	03/27/15 17:00:00	Test End:	03/31/15 17:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	20.1 °C
pH:	7.76 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.07 mg/L	Alkalinity:	190 mg/L
Hardness:	40 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
224B	15-03-0610-5	03/05/15	Other	03/27/15	03/31/15 17:00:00	

Parameter	Result	Units
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):	25.60
Upper 95% confidence limit:	26.00
Lower 95% confidence limit:	25.30

SRT: Standard Reference Toxicant.



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Analytical Report

Yolo County District Attorney's Office
301 Second Street
Woodland, CA 95695-3415

Date Received: 03/09/15
Work Order: 15-03-0610
Preparation: N/A
Method: CA Fish and Game

Project: Bioassay Testing

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Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.47 g
Sample Collected:	03/05/15 10:00:00	Sample Received:	03/09/15 12:00:00		
Test Start:	03/27/15 17:00:00	Test End:	03/31/15 17:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	20.1 °C
pH:	7.77 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.13 mg/L	Alkalinity:	190 mg/L
Hardness:	40 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
225B	15-03-0610-6	03/05/15	Other	03/27/15	03/31/15 17:00:00	

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):	25.60
Upper 95% confidence limit:	26.00
Lower 95% confidence limit:	25.30

SRT: Standard Reference Toxicant.



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Analytical Report

Yolo County District Attorney's Office
301 Second Street
Woodland, CA 95695-3415

Date Received: 03/09/15
Work Order: 15-03-0610
Preparation: N/A
Method: CA Fish and Game

Project: Bioassay Testing

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Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.47 g
Sample Collected:	03/05/15 10:00:00	Sample Received:	03/09/15 12:00:00		
Test Start:	03/27/15 17:00:00	Test End:	03/31/15 17:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	20.1 °C
pH:	7.75 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.07 mg/L	Alkalinity:	192 mg/L
Hardness:	40 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
226B	15-03-0610-7	03/05/15	Solid	03/27/15	03/31/15 17:00:00	

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):	25.60
Upper 95% confidence limit:	26.00
Lower 95% confidence limit:	25.30

SRT: Standard Reference Toxicant.

Analytical Report

Yolo County District Attorney's Office
 301 Second Street
 Woodland, CA 95695-3415

Date Received: 03/09/15
 Work Order: 15-03-0610
 Preparation: N/A
 Method: CA Fish and Game

Project: Bioassay Testing

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Test Species:	Fathead Minnow (Pimephales Promelas)	Mean Length:	44 mm	Mean Weight:	0.47 g
Sample Collected:	03/05/15 10:00:00	Sample Received:	03/09/15 12:00:00		
Test Start:	03/27/15 17:00:00	Test End:	03/31/15 17:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	20.1 °C
pH:	7.77 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.12 mg/L	Alkalinity:	190 mg/L
Hardness:	40 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
227B-composite	15-03-0610-8	03/05/15	Solid	03/27/15	03/31/15 17:00:00	

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):	25.60
Upper 95% confidence limit:	26.00
Lower 95% confidence limit:	25.30

SRT: Standard Reference Toxicant.

Analytical Report

Yolo County District Attorney's Office
301 Second Street
Woodland, CA 95695-3415

Date Received: 03/09/15
Work Order: 15-03-0610
Preparation: N/A
Method: CA Fish and Game

Project: Bioassay Testing

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Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.47 g
Sample Collected:	03/05/15 10:00:00	Sample Received:	03/09/15 12:00:00		
Test Start:	03/27/15 17:00:00	Test End:	03/31/15 17:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	20.1 °C
pH:	7.78 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.1 mg/L	Alkalinity:	190 mg/L
Hardness:	40 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
227B-red	15-03-0610-9	03/05/15	Solid	03/27/15	03/31/15 17:00:00	

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):	25.60
Upper 95% confidence limit:	26.00
Lower 95% confidence limit:	25.30

SRT: Standard Reference Toxicant.

Analytical Report

Yolo County District Attorney's Office
301 Second Street
Woodland, CA 95695-3415

Date Received: 03/09/15
Work Order: 15-03-0610
Preparation: N/A
Method: CA Fish and Game

Project: Bioassay Testing

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Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.47 g
Sample Collected:	03/06/15 10:00:00	Sample Received:	03/09/15 12:00:00		
Test Start:	03/27/15 17:00:00	Test End:	03/31/15 17:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	20.1 °C
pH:	7.75 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.12 mg/L	Alkalinity:	190 mg/L
Hardness:	40 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
227B-blue	15-03-0610-10	03/06/15	Solid	03/27/15	03/31/15 17:00:00	

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):	25.60
Upper 95% confidence limit:	26.00
Lower 95% confidence limit:	25.30

SRT: Standard Reference Toxicant.

Analytical Report

Yolo County District Attorney's Office
301 Second Street
Woodland, CA 95695-3415

Date Received: 03/09/15
Work Order: 15-03-0610
Preparation: N/A
Method: CA Fish and Game

Project: Bioassay Testing

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Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.47 g
Sample Collected:	03/07/15 10:00:00	Sample Received:	03/09/15 12:00:00		
Test Start:	03/27/15 17:00:00	Test End:	03/31/15 17:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	20.1 °C
pH:	7.76 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.1 mg/L	Alkalinity:	190 mg/L
Hardness:	40 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
227B-green	15-03-0610-11	03/07/15	Solid	03/27/15	03/31/15 17:00:00	

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):	25.60
Upper 95% confidence limit:	26.00
Lower 95% confidence limit:	25.30

SRT: Standard Reference Toxicant.



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Analytical Report

Yolo County District Attorney's Office
301 Second Street
Woodland, CA 95695-3415

Date Received: 03/09/15
Work Order: 15-03-0610
Preparation: N/A
Method: CA Fish and Game

Project: Bioassay Testing

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Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.47 g
Sample Collected:	03/05/15 10:00:00	Sample Received:	03/09/15 12:00:00		
Test Start:	03/27/15 17:00:00	Test End:	03/31/15 17:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	20.1 °C
pH:	7.77 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.07 mg/L	Alkalinity:	190 mg/L
Hardness:	40 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
228B	15-03-0610-12	03/05/15	Solid	03/27/15	03/31/15 17:00:00	

Parameter	Result	Units
Bioassay 750 mg/L (% Mortality)	15	%
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):	25.60
Upper 95% confidence limit:	26.00
Lower 95% confidence limit:	25.30

SRT: Standard Reference Toxicant.



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Analytical Report

Yolo County District Attorney's Office
301 Second Street
Woodland, CA 95695-3415

Date Received: 03/09/15
Work Order: 15-03-0610
Preparation: N/A
Method: CA Fish and Game

Project: Bioassay Testing

Page 13 of 13

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	44 mm	Mean Weight:	0.47 g
Sample Collected:	03/05/15 10:00:00	Sample Received:	03/09/15 12:00:00		
Test Start:	03/27/15 17:00:00	Test End:	03/31/15 17:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	20.1 °C
pH:	7.77 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.14 mg/L	Alkalinity:	192 mg/L
Hardness:	40 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
229B	15-03-0610-13	03/05/15	Solid	03/27/15	03/31/15 17:00:00	

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):	25.60
Upper 95% confidence limit:	26.00
Lower 95% confidence limit:	25.30

SRT: Standard Reference Toxicant.

Analytical Report

Yolo County District Attorney's Office
 301 Second Street
 Woodland, CA 95695-3415

Date Received: 03/09/15
 Work Order: 15-03-0610
 Preparation: N/A
 Method: CA Fish and Game

Project: Bioassay Testing

Page 1 of 2

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	43 mm	Mean Weight:	0.47 g
Sample Collected:	03/05/15 10:00:00	Sample Received:	03/09/15 12:00:00		
Test Start:	04/01/15 16:00:00	Test End:	04/05/15 16:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.77 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.16 mg/L	Alkalinity:	192 mg/L
Hardness:	40 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
220B	15-03-0610-1	03/05/15	Solid	04/01/15	04/05/15 16:00:00	

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Bioassay Definitive LC50	648	mg/L

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.00	Sample (mg/L):	648.0
Upper 95% confidence limit:	25.30	Upper 95% confidence limit:	372.0
Lower 95% confidence limit:	24.70	Lower 95% confidence limit:	623.0

SRT: Standard Reference Toxicant.

Analytical Report

Yolo County District Attorney's Office
 301 Second Street
 Woodland, CA 95695-3415

Date Received: 03/09/15
 Work Order: 15-03-0610
 Preparation: N/A
 Method: CA Fish and Game

Project: Bioassay Testing

Page 2 of 2

Test Species:	Fathead Minnow (<i>Pimephales Promelas</i>)	Mean Length:	43 mm	Mean Weight:	0.47 g
Sample Collected:	03/05/15 10:00:00	Sample Received:	03/09/15 12:00:00		
Test Start:	04/01/15 16:00:00	Test End:	04/05/15 16:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.8 °C
pH:	7.76 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.19 mg/L	Alkalinity:	192 mg/L
Hardness:	40 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
223B	15-03-0610-4	03/05/15	Solid	04/01/15	04/05/15 16:00:00	

Parameter	Result	Units
Bioassay Definitive LC50	590	mg/L

Laboratory Notes

Sample was received within recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.00	Sample (mg/L):	590.0
Upper 95% confidence limit:	25.30	Upper 95% confidence limit:	618.0
Lower 95% confidence limit:	24.70	Lower 95% confidence limit:	560.0

SRT: Standard Reference Toxicant.

Glossary of Terms and Qualifiers

Work Order: 15-03-0610

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/PDSO or PES/PESO 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.

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 YOLO COUNTY

301 2nd Street
Woodland, California 95695
Telephone: (530) 666-8424 Fax: (530) 666-8423

15-03-0610

Please send results to:

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

Testing Facility

Facility name: eurofins
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	UPC	Quantity	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: Plastic (P), Cardboard/box (C)	Evidence tape: Yes (Y) No (N)	Transported in ice cooler: Yes (Y) No (N)	
1 220A	Ben Gay Pain Relieving Patch, Large	Johnson & Johnson	074300081496	7	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X
2 221B	Salonpas Arthritis Pain Patch	Hisamitsu Pharmaceutical Co. Inc	346581680058	10	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X
3 222B	Aleve Liquid Gels, 220 mg, 80 gels	Bayer HealthCare LLC	325866535900	4	liquid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X
4 223B	Aleve Tablets, 220 mg, 40 gelcaps	Bayer HealthCare LLC	325866536464	8	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X
5 224B	Olay Micro-Sculpting Serum	Proctor & Gamble	075609037696	2	liquid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X
6 225B	Olay Regenerating Serum, Fragrance Free	Proctor & Gamble	075609010187	2	liquid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X
7 226B	Excedrin Extra Strength, 250 mg, 200 caplets	Novartis Consumer Health Inc	300678104926	1	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X
8 227B - composite	Crayola Squeeze-a-color Toothpaste (composite)	Sunstar Americas Inc	070942305808	2	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X
9 227B - red	Crayola Squeeze-a-color Toothpaste (red)	Sunstar Americas Inc	070942305808	2	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X
10 227B - blue	Crayola Squeeze-a-color Toothpaste (blue)	Sunstar Americas Inc	070942305808	2	solid	3/6/2015	10:00 AM	n/a	200g (min)	C	N	N	X
11 227B - green	Crayola Squeeze-a-color Toothpaste (green)	Sunstar Americas Inc	070942305808	2	solid	3/7/2015	10:00 AM	n/a	200g (min)	C	N	N	X
12 228B	Bayer Safety Coated, 325 mg, 100 caplets	Bayer HealthCare LLC	312843555655	3	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X
13 229B	Tylenol Extra Strength, 500 mg, 100 caplets	McNeil Consumer Healthcare	300450449092	2	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X
								n/a	200g (min)		N	N	X
								n/a	200g (min)		N	N	X
								n/a	200g (min)		N	N	X
								n/a	200g (min)		N	N	X
								n/a	200g (min)		N	N	X
								n/a	200g (min)		N	N	X
								n/a	200g (min)		N	N	X

NOTE: All Samples were taken at 301 2nd Street, Woodland, CA 95695

Relinquished by:	<i>Rachel Hunter</i>	<i>Legal Secretary</i>	<i>3/5/15</i>	<i>10:00 am</i>	Remarks
Received by:	<i>DANNY LE</i>	<i>Sample Control Tech</i>	<i>3/9/15</i>	<i>12:00</i>	
Relinquished by:	_____	_____	_____	_____	_____
Received by:	_____	_____	_____	_____	_____
Relinquished by:	_____	_____	_____	_____	_____
Received by:	_____	_____	_____	_____	_____

ups



**OFFICE OF THE DISTRICT ATTORNEY
YOLO COUNTY**

301 2nd Street
Woodland, California 95695
Telephone: (530) 666-8424 Fax: (530) 666-8423

Please send results to:

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

Testing Facility

Facility name: eurofins
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	UPC	Quantity	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: Plastic (P), Cardboard/box (C)	Evidence tape: Yes (Y) No (N)	Transported in iced cooler: Yes (Y) No (N)	96-hour fish bioassay	
2201B	Ben Gay Pain Relieving Patch, Large	Johnson & Johnson	074300081496	7	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X	
221B	Salonpas Arthritis Pain Patch	Hisamitsu Pharmaceutical Co. Inc	346581680058	10	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X	
222B	Aleve Liquid Gels, 220 mg, 80 gels	Bayer HealthCare LLC	325866535900	4	liquid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X	
223B	Aleve Tablets, 220 mg, 40 gelcaps	Bayer HealthCare LLC	325866536464	8	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X	
224B	Olay Micro-Sculpting Serum	Proctor & Gamble	075609037696	2	liquid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X	
225B	Olay Regenerating Serum, Fragrance Free	Proctor & Gamble	075609010187	2	liquid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X	
226B	Excedrin Extra Strength, 250 mg, 200 caplets	Novartis Consumer Health Inc	300678104926	1	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X	
227B - composite	Crayola Squeeze-a-color Toothpaste (composite)	Sunstar Americas Inc	070942305808	2	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X	
227B - red	Crayola Squeeze-a-color Toothpaste (red)	Sunstar Americas Inc	070942305808	2	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X	
227B - blue	Crayola Squeeze-a-color Toothpaste (blue)	Sunstar Americas Inc	070942305808	2	solid	3/6/2015	10:00 AM	n/a	200g (min)	C	N	N	X	
227B - green	Crayola Squeeze-a-color Toothpaste (green)	Sunstar Americas Inc	070942305808	2	solid	3/7/2015	10:00 AM	n/a	200g (min)	C	N	N	X	
228B	Bayer Safety Coated, 325 mg, 100 caplets	Bayer HealthCare LLC	312843555655	3	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X	
229B	Tylenol Extra Strength, 500 mg, 100 caplets	McNeil Consumer Healthcare	300450449092	2	solid	3/5/2015	10:00 AM	n/a	200g (min)	C	N	N	X	
								n/a	200g (min)		N	N	X	
								n/a	200g (min)		N	N	X	
								n/a	200g (min)		N	N	X	
								n/a	200g (min)		N	N	X	
								n/a	200g (min)		N	N	X	
								n/a	200g (min)		N	N	X	
								n/a	200g (min)		N	N	X	

NOTE: All Samples were taken at 301 2nd Street, Woodland, CA 95695

Relinquished by:	<u>Rachel Hunter</u>	<u>Legal Secretary</u>	<u>3/5/15</u>	<u>10:00 am</u>	Remarks
Received by:	_____	_____	_____	_____	_____
Relinquished by:	_____	_____	_____	_____	_____
Received by:	_____	_____	_____	_____	_____
Relinquished by:	_____	_____	_____	_____	_____
Received by:	_____	_____	_____	_____	_____

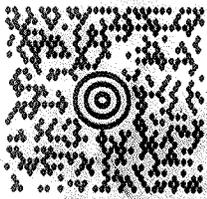
5610

YOLO COUNTY D.A.
(530) 666-8180
THE UPS STORE #0533
STE A
1286 E GIBSON RD
WOODLAND CA 95776-6378

9 LBS 1 OF 1
SHP WT: 9 LBS
DWT: 16.13.9
DATE: 05 MAR 2015

SHIP ATT DANIELLE GONSMAN
TO: CALSCIENCE ENVIRONMENTAL LAB
7440 LINCOLN WAY

GARDEN GROVE CA 92841-1427

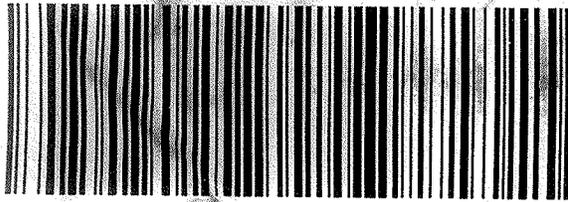


CA 927 9-09



UPS GROUND

TRACKING #: 1Z 1Y9 57W 03 2806 1435



BILLING: P/P

REF #1: 030515UH

ISH 13.00H ZP 450 60.5U 01/2015



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R00 R 0215

Calscience

WORK ORDER #: 15-03-0610

SAMPLE RECEIPT FORM

Box 1 of 1

CLIENT: YOLO COUNTY

DATE: 03/09/15

TEMPERATURE: Thermometer ID: SC4 (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Temperature 20.3 °C + 0.2°C (CF) = 20.5 °C Blank Sample

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

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: 619

CUSTODY SEALS INTACT:

Box _____ No (Not Intact) Not Present N/A Checked by: 619

Sample _____ No (Not Intact) Not Present Checked by: 993

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® box

619 3/4/15

Aqueous: VOA VOA_h VOA_{na2} 125AGB 125AGB_h 125AGB_p 1AGB 1AGB_{na2} 1AGBs

500AGB 500AGJ 500AGJs 250AGB 250CGB 250CGBs 1PB 1PB_{na} 500PB

250PB 250PB_n 125PB 125PB_z 100PJ 100PJ_{na2} _____ _____ _____

Air: Tedlar® Canister Other: _____ Trip Blank Lot#: _____ Labeled/Checked by: 993

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: 300

Preservative: h: HCL n: HNO₃ na₂: Na₂S₂O₃ na: NaOH p: H₃PO₄ s: H₂SO₄ u: Ultra-pure z_{na}: ZnAc₂+NaOH f: Filtered Scanned by: 300

Return to Contents

Danielle Gonsman

From: David Irey [David.Irey@yolocounty.org]
Sent: Saturday, April 04, 2015 6:08 AM
To: Danielle Gonsman
Cc: Heidi DAgostino
Subject: RE: Bioassay Testing / CEL 15-03-0610

Danielle:

Please run 220B and 223B, from my review of the results they had a mortality on the screening test that indicates the definitive should be run. If possible, without paying an extra fee, could you run them and share the results by April 15th?

FYI – In May or June we will be requesting bids for the next fiscal year (July – June). Will those be done through you?

Thanks.

Heidi and David.

From: Danielle Gonsman [mailto:DanielleGonsman@eurofinsUS.com]
Sent: Friday, April 03, 2015 5:25 PM
To: Heidi DAgostino; David Irey
Subject: Bioassay Testing / CEL 15-03-0610

Please find the attached report. Let me know if you would like to run the LC50 tests on any sample.

Thanks,

Danielle Gonsman
Project Manager

Eurofins Calscience, Inc.
7440 Lincoln Way
Garden Grove, CA 92841
USA
Phone: +1 714 895 5494

Email: DanielleGonsman@eurofinsUS.com
Website: www.calscience.com

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Notify us [here](#) to report this email as spam.

