





BSK Associates Fresno  
1414 Stanislaus St  
Fresno, CA93706  
559-497-2888 (Main)  
559-485-6935 (FAX)

**A5E0737**  
5/20/2015  
Invoice: A510350

Crystal McNabb  
J.L. Analytical Services, Inc.  
217 Primo Way  
Modesto, CA 95358

**RE: Report for A5E0737 General Chemistry-EDT**

Dear Crystal McNabb,

Thank you for using BSK Associates for your analytical testing needs. In the following pages, you will find the test results for the samples submitted to our laboratory on 5/8/2015. The results have been approved for release by our Laboratory Director as indicated by the authorizing signature below.

The samples were analyzed for the test(s) indicated on the Chain of Custody (see attached) and the results relate only to the samples analyzed. BSK certifies that the testing was performed in accordance with the quality system requirements specified in the 2009 TNI Standard. Any deviations from this standard or from the method requirements for each test procedure performed will be annotated alongside the analytical result or noted in the Case Narrative. Unless otherwise noted, the sample results are reported on an "as received" basis.

If additional clarification of any information is required, please contact your Project Manager, Adam Trevarrow, at (800) 877-8310 or (559) 497-2888 x116.

Thanks again for using BSK Associates. We value your business and appreciate your loyalty.

Sincerely,

Adam Trevarrow, Project Manager



Accredited in Accordance with NELAP  
ORELAP #4021

**Case Narrative**

Project and Report Details	Invoice Details
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<b>Client:</b> J.L. Analytical Services, Inc.	<b>Invoice To:</b> J.L. Analytical Services, Inc.
<b>Report To:</b> Crystal McNabb	<b>Invoice Attn:</b> Accounts Payable
<b>Project #:</b> 346359	<b>Project PO#:</b> JLA150507b
<b>Received:</b> 5/08/2015 - 09:05	
<b>Report Due:</b> 5/22/2015	

**Sample Receipt Conditions**

<b>Cooler:</b> Default Cooler	Containers Intact
<b>Temperature on Receipt °C:</b> 2.6	COC/Labels Agree
	Received On Blue Ice
	Packing Material - Bubble Wrap
	Sample(s) were received in temperature range.
	Initial receipt at BSK-FAL

**Data Qualifiers**

The following qualifiers have been applied to one or more analytical results:

\*\*\*None applied\*\*\*

**Report Distribution**

Recipient(s)	Report Format	CC:
Crystal McNabb	FINAL.RPT	
Crystal McNabb	WRITEON.RPT	

**Certificate of Analysis**

Sample ID: A5E0737-01  
 Sampled By: Jess Hodges  
 Sample Description: 346359-01

Sample Date - Time: 05/05/15 - 07:45  
 Matrix: Water  
 Sample Type: Grab

**BSK Associates Fresno  
 Radiological**

Analyte	Method	Result	Units	Batch	Prepared	Analyzed	Qual
Gross Alpha	EPA 00-02	ND	pCi/L	A505261	05/13/15	05/14/15	
1.65 Sigma Uncertainty		0.191	±				
MDA95		1.07	pCi/L				

**BSK Associates Fresno  
 Radiological Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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**EPA 00-02 - Quality Control**

Batch: A505261

Prepared: 05/13/2015

Prep Method: EPA 00-02

Analyst: SAB

**Blank (A505261-BLK1)**

1.65 Sigma Uncertainty	ND			±						05/14/15	
Gross Alpha	ND	3	pCi/L							05/14/15	
MDA95	ND	0.00	pCi/L							05/14/15	

**Blank Spike (A505261-BS1)**

Gross Alpha	24.8	3	pCi/L	30		83	80-120			05/14/15	
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**Blank Spike Dup (A505261-BSD1)**

Gross Alpha	33.7	3	pCi/L	30		112	80-120	31	50	05/14/15	
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**Matrix Spike (A505261-MS1), Source: A5E0737-01**

Gross Alpha	98.1	3	pCi/L	120	ND	81	70-130			05/14/15	
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**Matrix Spike Dup (A505261-MSD1), Source: A5E0737-01**

Gross Alpha	118	3	pCi/L	120	ND	97	70-130	18	50	05/14/15	
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**Certificate of Analysis**

**Notes:**

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of according to BSK's sample retention policy unless other arrangements are made in advance.
- All positive results for EPA Methods 504.1 and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.
- Due to the subjective nature of the Threshold Odor Method, all characterizations of the detected odor are the opinion of the panel of analysts. The characterizations can be found in Standard Methods 2170B Figure 2170:1.
- The MCLs provided in this report (if applicable) represent the primary MCLs for that analyte.

**Definitions**

mg/L:	Milligrams/Liter (ppm)	MDL:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit: DL x Dilution	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)	ND:	None Detected at RL	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	pCi/L:	Picocuries per Liter	Absent:	Less than 1 CFU/100mLs
%:	Percent Recovered (surrogates)	RL Mult:	RL Multiplier	Present:	1 or more CFU/100mLs
NR:	Non-Reportable	MCL:	Maximum Contaminant Limit		

Please see the individual Subcontract Lab's report for applicable certifications.

BSK is not accredited under the NELAC program for the following parameters:

\*\*NA\*\*

**Certifications:** Please refer to our website for a copy of our Accredited Fields of Testing under each certification.

**Fresno**

State of California - ELAP	1180	State of Hawaii	4021
State of Nevada	CA000792015-1	State of Oregon - NELAC	4021
EPA - UCMR3	CA00079	State of Washington	C997-15

**Sacramento**

State of California - ELAP	2435
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**Vancouver**

State of Oregon - NELAC	WA100008	State of Washington	C824-14a
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A5E0737



**05082015**

JLAna8111

Turnaround: Standard

Due Date: 5/22/2015



J.L. Analytical Services, Inc.



24



# JL ANALYTICA

1000 KONG/WELT WINTER WAY, MODESTO, CALIFORNIA 95350

ASE0737  
JLAna8111

05/08/2015  
10

C.  
3966



JL A150907K

Company Name: Sconza Candy  
Contact Person: Jessa Hodges  
Sampled By: Jessa Hodges  
System Number: 5000179-002  
Additional Information: \_\_\_\_\_

Date Sampled: 5/5/15  
Time Sampled: 7:45  
Date Submitted: 5/5/15  
Well Number: 5000179-002

346359

Chain of Custody:

Relinquished by: [Signature]  
Company: Sconza  
Date: 5/5/15 Time: 9:25

Received by: Edgin Freija  
Company: ZCH JLA

Relinquished by: Edgin Freija  
Company: ZCH JLA  
Date: 5-5-15 Time: \_\_\_\_\_

Received by: [Signature]  
Company: [Signature]

Relinquished by: \_\_\_\_\_  
Company: \_\_\_\_\_  
Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: \_\_\_\_\_  
Company: \_\_\_\_\_

Please analyze for:

- General Mineral Analysis (SM 2320 B)
- Inorganic Chemical Analysis
- General Physical
- Gross Alpha
- Uranium
- Cyanide
- EPA 502.2
- EPA 504 (DBCP/EDB)
- EPA 505
- EPA 506
- EPA 507
- EPA 508
- EPA 515.1
- EPA 531.1
- EPA 547
- EPA 548
- EPA 549
- EPA 632
- THMFP
- Asbestos

- Nitrate (EPA 300.0)
- Coliform - Presence/Absence (SM 9223-B)
- Coliforms - MPN (SM 9221-B)
- Heterotrophic Plate Count (SM 9215-B)
- EPA 502.2 (MTBE only)
- EPA 502.2 (TCE, Cis-1,2 DCE only)
- EPA 525
- EPA 524
- EPA 624
- EPA 625
- PERCHLORATE
- PCE

Bottle	Preservative	Bottle	Preservative	Bottle	Preservative
Liter Plastic (BOD)	None	Liter Amber	None	100 ml. Sterile Plastic	Sodium-Thiosulfate
Liter NaIgene	None	Liter Amber	HCL		
Liter NaIgene	Nitric Acid	4 oz. Amber	HCL	VOA Pack w/Travel Blank	
250 ml. Snap cap	None				

Blue, BA



# Sample Integrity

BSK Bottles Yes No Page 1 of 1

COC Info	Was temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 10^{\circ}\text{C}$			Yes	No	NA	Were correct containers and preservatives received for the tests requested?			Yes	No	NA	
		2.6			<u>Yes</u>						<u>Yes</u>		
		If samples were taken today, is there evidence that chilling has begun?			Yes	No	<u>NA</u>	Were there bubbles in the VOA vials? (Volatiles Only)			Yes	No	<u>NA</u>
		Did all bottles arrive unbroken and intact?			<u>Yes</u>	No		Was a sufficient amount of sample received?			<u>Yes</u>	No	
		Did all bottle labels agree with COC?			<u>Yes</u>	No		Do samples have a hold time <72 hours?			Yes	<u>No</u>	
	Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?			Yes	No	<u>NA</u>	Was PM notified of discrepancies? PM: _____ By/Time: _____			Yes	No	<u>NA</u>	
Bottles Received "_" means preservation/chlorine checks are either N/A or are performed in the lab	250ml(A) 500ml(B) 1Liter(C) 40ml VOA(V)		Checks	Passed?									
	Bacti/Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>		—	—									
	None (P) <sup>White Cap</sup>		—	—									
	Cr6 (P) <sup>Br Green Label</sup>	NH <sub>4</sub> OH(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> <b>DW</b>	Cl, pH > 8	Y	N								
	Cr6 (P) <sup>Pink Label</sup>	Hex Chrome Buffer <b>DW</b>	pH 9-9.5	Y	N								
	Cr6 (P) <sup>Pink Label</sup>	Hex Chrome Buffer <b>WW</b>	pH 9.3-9.7	Y	N								
	HNO <sub>3</sub> (P) <sup>Red Cap</sup>		—	—	<i>dc</i>								
	H <sub>2</sub> SO <sub>4</sub> (P) or (AG) <sup>Yellow Cap/Label</sup>		pH < 2	Y	N								
	NaOH (P) <sup>Green Cap</sup>		Cl, pH > 10	Y	N								
	NaOH + ZnAc (P)		pH > 9	Y	N								
	Dissolved Oxygen 300ml (g)		—	—									
	None (AG) 608/8081/8082 625 632/8321, 8151, 8270		—	—									
	HCl (AG) <sup>Lt. Blue Label</sup>	O&G, Diesel	—	—									
	Na <sub>2</sub> O <sub>3</sub> S+HCl(AG) <sup>Pink Label</sup>	525	—	—									
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 1 Liter (Brown P) 549		—	—									
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (AG) <sup>Blue Label</sup>	547-515 548, THM, 524	—	—									
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (CG) <sup>Blue Label</sup>	504, 505	—	—									
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA (CG) <sup>Orange Label</sup>	531	pH < 3	Y	N								
	NH <sub>4</sub> Cl (AG) <sup>Purple Label</sup>	552	—	—									
	EDA (AG) <sup>Brown Label</sup>	DBPs	—	—									
	HCL (CG) 524, 2, BTEX, Gas, MTBE, 8260/624		—	—									
	Buffer pH 4 (CG)		—	—									
	None (CG)		—	—									
	H <sub>3</sub> PO <sub>4</sub> (CG) <sup>Salmon Label</sup>		—	—									
	Other:												
Asbestos 1Liter Plastic w/ Foil		—	—										
Low Level Hg / Metals Double Baggie		—	—										
Bottled Water		—	—										
Clear Glass Jar: 250 / 500 / 1 Liter		—	—										
Soil Tube Brass / Steel / Plastic		—	—										
Tedlar Bag / Plastic Bag		—	—										
Split	Container	Preservative	Date/Time/Initials		Container	Preservative	Date/Time/Initials						
	S P				S P								
	S P				S P								
Comments													

*Handwritten signature and date: J. S. / 5/8/15*

# BSK Associates

EDT

Date of Report: 15|12|15|1138

Sample ID No.: A5L0313-01

Laboratory Name: BSK Analytical Laboratories

Signature Lab Director: 

Name of Sampler: Jesse Hodges

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 15|12|01|0515

Received @ Lab : 15|12|03|0930

Completed: 15|12|07

System Name: SCONZA CANDY COMPANY

System Number: 5000179

Name or Number of Sample Source: #2 WELL CENTRAL

User ID: 50C

Station Number: 5000179-002

Date/Time of Sample: 15|12|01|0515

Laboratory Code: 5810

Submitted by: BSK Associates Fresno

Date Analyses Completed: 15|12|07

Phone #: 559-497-2888

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
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**Title 22 California Code of Regulations, Section 64442 (22 CCR 64442)**

15	pCi/L	Gross Alpha	01501	ND	3.0
	pCi/L	Gross Alpha Counting Error	01502	± 0.269	
	pCi/L	Gross Alpha MDA95	A-072	0.758	



BSK Associates Fresno  
1414 Stanislaus St  
Fresno, CA93706  
559-497-2888 (Main)  
559-485-6935 (FAX)

**A5L0313**  
12/15/2015  
Invoice: A526509

Crystal McNabb  
JL Analytical Services, Inc.  
217 Primo Way  
Modesto, CA 95358

**RE: Report for A5L0313 General Chemistry-EDT**

Dear Crystal McNabb,

Thank you for using BSK Associates for your analytical testing needs. In the following pages, you will find the test results for the samples submitted to our laboratory on 12/3/2015. The results have been approved for release by our Laboratory Director as indicated by the authorizing signature below.

The samples were analyzed for the test(s) indicated on the Chain of Custody (see attached) and the results relate only to the samples analyzed. BSK certifies that the testing was performed in accordance with the quality system requirements specified in the 2009 TNI Standard. Any deviations from this standard or from the method requirements for each test procedure performed will be annotated alongside the analytical result or noted in the Case Narrative. Unless otherwise noted, the sample results are reported on an "as received" basis.

If additional clarification of any information is required, please contact your Project Manager, Adam Trevarrow, at (800) 877-8310 or (559) 497-2888 x116.

Thanks again for using BSK Associates. We value your business and appreciate your loyalty.

Sincerely,

Adam Trevarrow, Project Manager



Accredited in Accordance with NELAP  
ORELAP #4021

**Case Narrative**

Project and Report Details	Invoice Details
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**Client:** JL Analytical Services, Inc.  
**Report To:** Crystal McNabb  
**Project #:** 363473  
**Received:** 12/03/2015 - 09:30  
**Report Due:** 12/17/2015

**Invoice To:** JL Analytical Services, Inc.  
**Invoice Attn:** Accounts Payable  
**Project PO#:** JLA151202b

**Sample Receipt Conditions**

**Cooler:** Default Cooler  
**Temperature on Receipt °C:** 3.1

Containers Intact  
 COC/Labels Agree  
 Received On Wet Ice  
 Packing Material - Other  
 Sample(s) were received in temperature range.  
 Initial receipt at BSK-FAL

**Data Qualifiers**

The following qualifiers have been applied to one or more analytical results:

\*\*\*None applied\*\*\*

**Report Distribution**

Recipient(s)	Report Format	CC:
Crystal McNabb	FINAL.RPT	
Crystal McNabb	WRITEON.RPT	

**Certificate of Analysis**

Sample ID: A5L0313-01  
 Sampled By: Jesse Hodges  
 Sample Description: 363473-01

Sample Date - Time: 12/01/15 - 05:15  
 Matrix: Water  
 Sample Type: Grab

**BSK Associates Fresno**  
**Radiological**

Analyte	Method	Result	Units	Batch	Prepared	Analyzed	Qual
Gross Alpha	SM 7110C	1.79	pCi/L	A514318	12/04/15	12/07/15	
1.65 Sigma Uncertainty		0.269	±				
MDA95		0.758	pCi/L				

**BSK Associates Fresno**  
**Radiological Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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**SM 7110C - Quality Control**

Batch: A514318

Prepared: 12/4/2015

Prep Method: EPA 00-02

Analyst: CWC

**Blank (A514318-BLK1)**

1.65 Sigma Uncertainty	ND			±						12/07/15	
Gross Alpha	ND	3	pCi/L							12/07/15	
MDA95	ND	0.00	pCi/L							12/07/15	

**Blank Spike (A514318-BS1)**

Gross Alpha	34.1	3	pCi/L	30		114	80-120			12/07/15	
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**Blank Spike Dup (A514318-BSD1)**

Gross Alpha	33.3	3	pCi/L	30		111	80-120	2	50	12/07/15	
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**Matrix Spike (A514318-MS1), Source: A5L0124-01**

Gross Alpha	132	3	pCi/L	120	31.9	84	70-130			12/07/15	
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**Matrix Spike (A514318-MS2), Source: A5L0087-01**

Gross Alpha	114	3	pCi/L	120	7.92	88	70-130			12/07/15	
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**Matrix Spike Dup (A514318-MSD1), Source: A5L0124-01**

Gross Alpha	142	3	pCi/L	120	31.9	91	70-130	7	50	12/07/15	
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**Matrix Spike Dup (A514318-MSD2), Source: A5L0087-01**

Gross Alpha	112	3	pCi/L	120	7.92	87	70-130	2	50	12/07/15	
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**Certificate of Analysis**

**Notes:**

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of according to BSK's sample retention policy unless other arrangements are made in advance.
- All positive results for EPA Methods 504.1 and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.
- Due to the subjective nature of the Threshold Odor Method, all characterizations of the detected odor are the opinion of the panel of analysts. The characterizations can be found in Standard Methods 2170B Figure 2170:1.
- The MCLs provided in this report (if applicable) represent the primary MCLs for that analyte.

**Definitions**

mg/L:	Milligrams/Liter (ppm)	MDL:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit: DL x Dilution	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)	ND:	None Detected at RL	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	pCi/L:	Picocuries per Liter	Absent:	Less than 1 CFU/100mLs
%:	Percent Recovered (surrogates)	RL Mult:	RL Multiplier	Present:	1 or more CFU/100mLs
NR:	Non-Reportable	MCL:	Maximum Contaminant Limit		

Please see the individual Subcontract Lab's report for applicable certifications.

BSK is not accredited under the NELAC program for the following parameters:

**\*\*NA\*\***

**Certifications:** Please refer to our website for a copy of our Accredited Fields of Testing under each certification.

**Fresno**

State of California - ELAP	1180	State of Hawaii	4021
State of Nevada	CA000792016-1	State of Oregon - NELAC	4021
EPA - UCMR3	CA00079	State of Washington	C997-15

**Sacramento**

State of California - ELAP	2435
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**Vancouver**

State of Oregon - NELAC	WA100008-007	State of Washington	C824-14a
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A5L0313



**12032015**

JLAna8111

Turnaround: Standard

Due Date: 12/17/2015



JL Analytical Services, Inc.



3.1

A5L0313  
JLAna8111

12/03/2015  
10



# J L ANALYTICAL SERV

17000 KING/WHEELER RD, DELANUE, CALIFORNIA 95358 • Office (209) 538



Company Name: Sconza Candy  
Contact Person: Jesse Hedges  
Sampled By: Jesse Hedges  
System Number: 500DM9  
Additional Information: \_\_\_\_\_

Date Sampled: 12/1/15  
Time Sampled: 5:15  
Date Submitted: 12/1/15  
Well Number: 002

DO# JLA 12/1/15 157026

### Chain of Custody:

Relinquished by: [Signature] Received by: Heather Estrada B.  
Company: SCONZA Company: JLH - JLA  
Date: 12/1/15 Time: 7:20

Relinquished by: Heather Estrada B. Received by: \_\_\_\_\_  
Company: JLH - JLA Company: \_\_\_\_\_  
Date: 12/1/15 Time: 12:50 PM

Relinquished by: [Signature] Received by: John Herr  
Company: JLH - JLA Company: [Signature]  
Date: 12-3-15 Time: 9:30

363473-01

### Please analyze for:

- |                                     |                                      |                                     |   |
|-------------------------------------|--------------------------------------|-------------------------------------|---|
| <input type="checkbox"/>            | General Mineral Analysis (SM 2320 B) | <input checked="" type="checkbox"/> | Nitrate (EPA 300.0)                     |
| <input type="checkbox"/>            | Inorganic Chemical Analysis          | <input type="checkbox"/>            | Coliform - Presence/Absence (SM 9223-B) |
| <input type="checkbox"/>            | General Physical                     | <input type="checkbox"/>            | Coliforms - MPN (SM 9221-B)             |
| <input checked="" type="checkbox"/> | Gross Alpha                          | <input type="checkbox"/>            | Heterotrophic Plate Count (SM 9215-B)   |
| <input type="checkbox"/>            | Uranium                              | <input type="checkbox"/>            | EPA 502.2 (MTBE only)                   |
| <input type="checkbox"/>            | Cyanide                              | <input type="checkbox"/>            | EPA 502.2 (TCE, Cis-1,2 DCE only)       |
| <input type="checkbox"/>            | EPA 502.2                            | <input type="checkbox"/>            | EPA 525                                 |
| <input type="checkbox"/>            | EPA 504 (DBCP/EDB)                   | <input type="checkbox"/>            | EPA 524                                 |
| <input type="checkbox"/>            | EPA 505                              | <input type="checkbox"/>            | EPA 624                                 |
| <input type="checkbox"/>            | EPA 506                              | <input type="checkbox"/>            | EPA 625                                 |
| <input type="checkbox"/>            | EPA 507                              | <input type="checkbox"/>            | PERCHLORATE                             |
| <input type="checkbox"/>            | EPA 508                              | <input type="checkbox"/>            | PCE                                     |
| <input type="checkbox"/>            | EPA 515.1                            | <input type="checkbox"/>            |   |
| <input type="checkbox"/>            | EPA 531.1                            | <input type="checkbox"/>            |   |
| <input type="checkbox"/>            | EPA 547                              | <input type="checkbox"/>            |   |
| <input type="checkbox"/>            | EPA 548                              | <input type="checkbox"/>            |   |
| <input type="checkbox"/>            | EPA 549                              | <input type="checkbox"/>            |   |
| <input type="checkbox"/>            | EPA 632                              | <input type="checkbox"/>            |   |
| <input type="checkbox"/>            | THMFP                                | <input type="checkbox"/>            |   |
| <input type="checkbox"/>            | Asbestos                             | <input type="checkbox"/>            |   |

Bottle	Preservative	Bottle	Preservative	Bottle	Preservative
Liter Plastic (BOD)	None	Liter Amber	None	100 ml. Sterile Plastic	Sodium-Thiosulfate
Liter Nalgene	None	Liter Amber	HCL		
Liter Nalgene	Nitric Acid	4 oz. Amber	HCL	VOA Pack w/Travel Blank	
250 ml. Snap cap	None				



# Sample Integrity

BSK Bottles: Yes No Page 1 of 1

<b>COC Info</b>	Was temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 10^{\circ}\text{C}$	<input checked="" type="radio"/> Yes	No	NA	Were correct containers and preservatives received for the tests requested?	<input checked="" type="radio"/> Yes	No	NA
	If samples were taken today, is there evidence that chilling has begun?	Yes	No	<input checked="" type="radio"/> NA	Were there bubbles in the VOA vials? (Volatiles Only)	Yes	No	<input checked="" type="radio"/> NA
	Did all bottles arrive unbroken and intact?	<input checked="" type="radio"/> Yes	No		Was a sufficient amount of sample received?	<input checked="" type="radio"/> Yes	No	
	Did all bottle labels agree with COC?	<input checked="" type="radio"/> Yes	No		Do samples have a hold time <72 hours?	Yes	No	<input checked="" type="radio"/> No
	Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes	No	<input checked="" type="radio"/> NA	Was PM notified of discrepancies? PM: _____ By/Time: _____	Yes	No	<input checked="" type="radio"/> NA
<b>Bottles Received</b> <small>"_" means preservation/chlorine checks are either N/A or are performed in the lab</small>	250ml(A) 500ml(B) 1Liter(C) 40ml VOA(V)	Checks	Passed?					
	Bacti Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	—	—					
	None (P) White Cap	—	—					
	Cr6 (P) Dr. Green Label/Blue Cap NH <sub>4</sub> OH(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> DW	Cl, pH >8	Y	N				
	Cr6 (P) Pink Label/Blue Cap NH <sub>4</sub> OH(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> WW	pH 9.3-9.7	Y	N				
	Cr6 (P) Black Label/Blue Cap NH <sub>4</sub> OH(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> 7199 ***24 HOUR HOLD TIME***	pH 9.0-9.5	Y	N				
	HNO <sub>3</sub> (P) Red Cap		—	—	2C			
	H <sub>2</sub> SO <sub>4</sub> (P) or (AG) Yellow Cap/Label	pH < 2	Y	N				
	NaOH (P) Green Cap	Cl, pH >10	Y	N				
	NaOH + ZnAc (P)	pH > 9	Y	N				
	Dissolved Oxygen 300ml (g)	—	—	—				
	None (AG) 608/808/18082, 825, 832/8321, 8151, 8270	—	—	—				
	HCl (AG) Lt. Blue Label O&G, Diesel	—	—	—				
	Na <sub>2</sub> O <sub>3</sub> S+HCl (AG) Lt. Pink Label 525	—	—	—				
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 1 Liter (Brown P) 549	—	—	—				
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (AG) Blue Label 547, 515, 548, THM 524	—	—	—				
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (CG) Blue Label 504, 505	—	—	—				
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA (CG) Orange Label 531	pH < 3	Y	N				
	NH <sub>4</sub> Cl (AG) Purple Label 552	—	—	—				
	EDA (AG) Brown Label DBPs	—	—	—				
	HCL (CG) 524.2, BTEX, Gas, MTBE, 8260/624	—	—	—				
	Buffer pH 4 (CG)	—	—	—				
	None (CG)	—	—	—				
	H <sub>3</sub> PO <sub>4</sub> (CG) Salmon Label	—	—	—				
	Other:							
Asbestos 1 Liter Plastic w/ Foil	—	—	—					
Low Level Hg / Metals Double Baggie	—	—	—					
Bottled Water	—	—	—					
Clear Glass Jar: 250 / 500 / 1 Liter	—	—	—					
Soil Tube Brass / Steel / Plastic	—	—	—					
Tedlar Bag / Plastic Bag	—	—	—					
<b>Split</b>	Container	Preservative	Date/Time/Initials	Container	Preservative	Date/Time/Initials		
	S P			S P				
<b>Comments</b>	S P			S P				

Labeled by: CEW @ 1428

Labels checked by: WV @ 1434

RUSH Paged by: \_\_\_\_\_ @ \_\_\_\_\_



BSK Associates Fresno  
1414 Stanislaus St  
Fresno, CA93706  
559-497-2888 (Main)  
559-485-6935 (FAX)

**A5H0481**

**8/18/2015**

Invoice: A517246

Crystal McNabb  
J.L. Analytical Services, Inc.  
217 Primo Way  
Modesto, CA 95358

**RE: Report for A5H0481 General Chemistry**

Dear Crystal McNabb,

Thank you for using BSK Associates for your analytical testing needs. In the following pages, you will find the test results for the samples submitted to our laboratory on 8/6/2015. The results have been approved for release by our Laboratory Director as indicated by the authorizing signature below.

The samples were analyzed for the test(s) indicated on the Chain of Custody (see attached) and the results relate only to the samples analyzed. BSK certifies that the testing was performed in accordance with the quality system requirements specified in the 2009 TNI Standard. Any deviations from this standard or from the method requirements for each test procedure performed will be annotated alongside the analytical result or noted in the Case Narrative. Unless otherwise noted, the sample results are reported on an "as received" basis.

If additional clarification of any information is required, please contact your Project Manager, Adam Trevarrow, at (800) 877-8310 or (559) 497-2888 x116.

Thanks again for using BSK Associates. We value your business and appreciate your loyalty.

Sincerely,

Adam Trevarrow, Project Manager



Accredited in Accordance with NELAP  
ORELAP #4021

**Case Narrative**

**Project and Report Details**

**Client:** J.L. Analytical Services, Inc.  
**Report To:** Crystal McNabb  
**Project #:** 353107  
**Received:** 8/06/2015 - 10:15  
**Report Due:** 8/20/2015

**Invoice Details**

**Invoice To:** J.L. Analytical Services, Inc.  
**Invoice Attn:** Accounts Payable  
**Project PO#:** JLA150806a

**Sample Receipt Conditions**

**Cooler:** Default Cooler  
**Temperature on Receipt °C:** 5.4

Containers Intact  
COC/Labels Agree  
Received On Blue Ice  
Packing Material - Other  
Sample(s) were received in temperature range.  
Initial receipt at BSK-FAL

**Detailed Narrative**

**Chain of Custody Notes**

**Date:** 8/11/2015  
**Initials:** MKK  
**Note:** State form is not needed as per Crystal McNabb.

**Data Qualifiers**

The following qualifiers have been applied to one or more analytical results:

\*\*\*None applied\*\*\*

**Report Distribution**

Recipient(s)	Report Format	CC:
Crystal McNabb	FINAL.RPT	

**Certificate of Analysis**

Sample ID: A5H0481-01  
 Sampled By: Jess Hodges  
 Sample Description: 353107-01 // 5000179

Sample Date - Time: 08/04/15 - 07:10  
 Matrix: Water  
 Sample Type: Grab

**BSK Associates Fresno**  
**Organics**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
<b>Trihalomethanes by GC-MS</b>									
Bromodichloromethane	EPA 524.2	ND	0.50	ug/L	1	A509002	08/10/15	08/10/15	
Bromoform	EPA 524.2	ND	0.50	ug/L	1	A509002	08/10/15	08/10/15	
Chloroform	EPA 524.2	ND	0.50	ug/L	1	A509002	08/10/15	08/10/15	
Dibromochloromethane	EPA 524.2	ND	0.50	ug/L	1	A509002	08/10/15	08/10/15	
Surrogate: Bromofluorobenzene	EPA 524.2	102 %	Acceptable range: 70-130 %						
Total Trihalomethanes, EPA 524.2		ND	0.50	ug/L					

**BSK Associates Fresno**  
**Organics Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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**EPA 524.2 - Quality Control**

Batch: A509002

Prepared: 08/10/2015

Prep Method: EPA 524.2

Analyst: JGB

**Blank (A509002-BLK1)**

Bromodichloromethane	ND	0.50	ug/L							08/10/15	
Bromoform	ND	0.50	ug/L							08/10/15	
Chloroform	ND	0.50	ug/L							08/10/15	
Dibromochloromethane	ND	0.50	ug/L							08/10/15	
Surrogate: Bromofluorobenzene	50			50		101	70-130			08/10/15	

**Blank Spike (A509002-BS1)**

Bromodichloromethane	10	0.50	ug/L	10		104	70-130			08/10/15	
Bromoform	11	0.50	ug/L	10		108	70-130			08/10/15	
Chloroform	10	0.50	ug/L	10		102	70-130			08/10/15	
Dibromochloromethane	11	0.50	ug/L	10		107	70-130			08/10/15	
Surrogate: Bromofluorobenzene	50			50		100	70-130			08/10/15	

**Blank Spike Dup (A509002-BSD1)**

Bromodichloromethane	9.8	0.50	ug/L	10		98	70-130	7	30	08/10/15	
Bromoform	9.7	0.50	ug/L	10		97	70-130	10	30	08/10/15	
Chloroform	10	0.50	ug/L	10		100	70-130	2	30	08/10/15	
Dibromochloromethane	10	0.50	ug/L	10		104	70-130	3	30	08/10/15	
Surrogate: Bromofluorobenzene	54			50		109	70-130			08/10/15	

**Matrix Spike (A509002-MS1), Source: A5H0686-01**

Bromodichloromethane	5.9	0.50	ug/L	10	ND	59	47-151			08/10/15	
Bromoform	5.3	0.50	ug/L	10	ND	53	29-162			08/10/15	
Chloroform	5.8	0.50	ug/L	10	ND	58	52-148			08/10/15	
Dibromochloromethane	5.8	0.50	ug/L	10	ND	58	44-149			08/10/15	
Surrogate: Bromofluorobenzene	50			50		99	70-130			08/10/15	

**Certificate of Analysis**

**Notes:**

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of according to BSK's sample retention policy unless other arrangements are made in advance.
- All positive results for EPA Methods 504.1 and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.
- Due to the subjective nature of the Threshold Odor Method, all characterizations of the detected odor are the opinion of the panel of analysts. The characterizations can be found in Standard Methods 2170B Figure 2170:1.
- The MCLs provided in this report (if applicable) represent the primary MCLs for that analyte.

**Definitions**

mg/L:	Milligrams/Liter (ppm)	MDL:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit: DL x Dilution	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)	ND:	None Detected at RL	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	pCi/L:	Picocuries per Liter	Absent:	Less than 1 CFU/100mLs
%:	Percent Recovered (surrogates)	RL Mult:	RL Multiplier	Present:	1 or more CFU/100mLs
NR:	Non-Reportable	MCL:	Maximum Contaminant Limit		

Please see the individual Subcontract Lab's report for applicable certifications.

BSK is not accredited under the NELAC program for the following parameters:

**\*\*NA\*\***

**Certifications:** Please refer to our website for a copy of our Accredited Fields of Testing under each certification.

**Fresno**

State of California - ELAP	1180	State of Hawaii	4021
State of Nevada	CA000792016-1	State of Oregon - NELAC	4021
EPA - UCMR3	CA00079	State of Washington	C997-15

**Sacramento**

State of California - ELAP	2435
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**Vancouver**

State of Oregon - NELAC	WA100008	State of Washington	C824-14a
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A5H0481



**08062015**

JLAna8111

Turnaround: Standard

Due Date: 8/20/2015



J.L. Analytical Services, Inc.



54

3531070.1



# ANALYTICAL SERVICES, INC.

DRINKING WATER ANALYSIS California 95358 • Office (209) 538-8111 • Fax (209) 538-3966

Company Name: Sconza Candy  
Contact Person: Jesse Hodges  
Sampled By: Jesse Hodges  
System Number: 5000179

Date Sampled: 8/4/15  
Time Sampled: 7:10  
Date Submitted: 8/4/15  
Well Number: \_\_\_\_\_

Additional Information: main hall drinking fountain

Chain of Custody:

Relinquished by: [Signature]  
Company: Sconza Candy  
Date: 8/4/15

Received by: J. WEEMS  
Company: IEH-JLA  
Time: 10:35 12:05

Relinquished by: J. WEEMS  
Company: IEH-JLA  
Date: 8-4-15

Received by: [Signature]  
Company: IEH-JLA  
Time: 1:24

Relinquished by: \_\_\_\_\_  
Company: \_\_\_\_\_  
Date: \_\_\_\_\_

Received by: [Signature]  
Company: [Signature]  
Date: 8/6/15-2015

Please analyze for:

- \_\_\_\_\_ General Mineral Analysis (SM 2320 B)
- \_\_\_\_\_ Inorganic Chemical Analysis
- \_\_\_\_\_ General Physical
- \_\_\_\_\_ Gross Alpha
- \_\_\_\_\_ Uranium
- \_\_\_\_\_ Cyanide
- \_\_\_\_\_ EPA 502.2
- \_\_\_\_\_ EPA 504 (DBCP/EDB)
- \_\_\_\_\_ EPA 505
- \_\_\_\_\_ EPA 506
- \_\_\_\_\_ EPA 507
- \_\_\_\_\_ EPA 508
- \_\_\_\_\_ EPA 515.1
- \_\_\_\_\_ EPA 531.1
- \_\_\_\_\_ EPA 547
- \_\_\_\_\_ EPA 548
- \_\_\_\_\_ EPA 549
- \_\_\_\_\_ EPA 632
- \_\_\_\_\_ THMFP
- \_\_\_\_\_ Asbestos

- \_\_\_\_\_ Nitrate (EPA 300.0)
- \_\_\_\_\_ Coliform - Presence/Absence (SM 9223-B)
- \_\_\_\_\_ Coliforms - MPN (SM 9221-B)
- \_\_\_\_\_ Heterotrophic Plate Count (SM 9215-B)
- \_\_\_\_\_ EPA 502.2 (MTBE only)
- \_\_\_\_\_ EPA 502.2 (TCE, Cis-1,2 DCE only)
- \_\_\_\_\_ EPA 525
- ✓ EPA 524-2 TTHMs
- \_\_\_\_\_ EPA 624
- \_\_\_\_\_ EPA 625
- \_\_\_\_\_ PERCHLORATE
- \_\_\_\_\_ PCE
- ✓ ~~EPA 552.2 HAA~~

Bottle	Preservative
Liter Plastic (BOD)	None
Liter Nalgene	None
Liter Nalgene	Nitric Acid
250 ml. Snap cap	None

Bottle	Preservative
Liter Amber	None
Liter Amber	HCL
4 oz. Amber	HCL

Bottle	Preservative
100 ml. Sterile Plastic	Sodium-Thiosulfate
VOA Pack w/Travel Blank	

WBL



# Sample Integrity

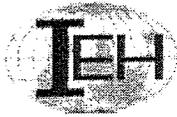
BSK Bottles: Yes No Page 1 of 1

COC Info		Was temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ / Micro $< 10^{\circ}\text{C}$		Yes	No	NA	Were correct containers and preservatives received for the tests requested?		Yes	No	NA
		If samples were taken today, is there evidence that chilling has begun?		Yes	No	NA	Were there bubbles in the VOA vials? (Volatiles Only)		Yes	No	NA
		Did all bottles arrive unbroken and intact?		Yes	No		Was a sufficient amount of sample received?		Yes	No	
		Did all bottle labels agree with COC?		Yes	No		Do samples have a hold time <72 hours?		Yes	No	
		Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?		Yes	No	NA	Was PM notified of discrepancies? PM: _____ By/Time: _____		Yes	No	NA
Bottles Received	250ml(A) 500ml(B) 1Liter(C) 40ml VOA(V)	Checks	Passed?								
	Bacti $\text{Na}_2\text{S}_2\text{O}_3$	—	—								
	None (P) <sup>White Cap</sup>	—	—								
	Cr6 (P) <sup>Br. Green Label</sup> $\text{NH}_4\text{OH}(\text{NH}_4)_2\text{SO}_4$ DW	Cl, pH > 8	Y	N							
	Cr6 (P) <sup>Pink Label</sup> $\text{NH}_4\text{OH}(\text{NH}_4)_2\text{SO}_4$ WW	pH 9.3-9.7	Y	N							
	Cr6 (P) <sup>Pink Label</sup> $\text{NH}_4\text{OH}(\text{NH}_4)_2\text{SO}_4$ 7199 ***24 HOUR HOLD TIME***	pH 9:0-9.5	Y	N							
	$\text{HNO}_3$ (P) <sup>Red Cap</sup>	—	—								
	$\text{H}_2\text{SO}_4$ (P) or (AG) <sup>Yellow Cap/Label</sup>	pH < 2	Y	N							
	$\text{NaOH}$ (P) <sup>Green Cap</sup>	Cl, pH > 10	Y	N							
	$\text{NaOH} + \text{ZnAc}$ (P)	pH > 9	Y	N							
	Dissolved Oxygen 300ml (g)	—	—								
	None (AG) 608/8081/8082 625 632/5321 8151 8278	—	—								
	$\text{HCl}$ (AG) <sup>Lt. Blue Label</sup> O&G, Diesel	—	—								
	$\text{Na}_2\text{O}_3 + \text{HCl}$ (AG) <sup>Lt. Pink Label</sup> 525	—	—								
	$\text{Na}_2\text{S}_2\text{O}_3$ 1 Liter (Brown P) 549	—	—								
	$\text{Na}_2\text{S}_2\text{O}_3$ (AG) <sup>Blue Label</sup> 547 515 548 THM 524	—	—								
	$\text{Na}_2\text{S}_2\text{O}_3$ (CG) <sup>Blue Label</sup> 504, 505	—	—								
	$\text{Na}_2\text{S}_2\text{O}_3 + \text{MCAA}$ (CG) <sup>Orange Label</sup> 531	pH < 3	Y	N							
	$\text{NH}_4\text{Cl}$ (AG) <sup>Purple Label</sup> 552	—	—								
	EDA (AG) <sup>Brown Label</sup> DBPs	—	—								
	HCL (CG) 524 2.BTEX, Gas, MTBE, 8260/624	—	—								
	Buffer pH 4 (CG)	—	—								
	None (CG)	—	—								
	$\text{H}_3\text{PO}_4$ (CG) <sup>Salmon Label</sup>	—	—								
	Other:										
Asbestos 1Liter Plastic w/ Foil	—	—									
Low Level Hg / Metals Double Baggie	—	—									
Bottled Water	—	—									
Clear Glass Jar: 250 / 500 / 1 Liter	—	—									
Soil Tube Brass / Steel / Plastic	—	—									
Tedlar Bag / Plastic Bag	—	—									
Split	Container	Preservative	Date/Time/Initials		Container	Preservative	Date/Time/Initials				
	S P				S P						
	S P				S P						
Comments											

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Labels checked by: [Signature] @ 15:11

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# IEH Analytical Laboratories

3927 Aurora Ave. N., Seattle, WA 98103 | (206) 632-2715

## Haloacetic Acids Blank Report

Results of Analysis by EPA Method 552.3

Measurement of Haloacetic Acids by GC/ECD

**Case File Number** LRB (8/18/15)  
**Sample ID No.:** LRB  
**Date Collected:** NA  
**Date Received:** NA  
**Date Extracted:** 8/18/2015  
**Date Analyzed:** 8/19/2015  
**Date of Report:** 8/20/2015

**Matrix:** Water  
**Sample Vol. (ml)** 40.0  
**Dilution Factor:** 1  
**Prepped:** TM  
**Analyst:** TM  
**Supervisor's Initials:** DG

### Haloacetic Acids

Parameter	Result (ug/L)	UCL (ug/L)	RL (ug/L)
Monochloroacetic Acid (MCAA)	< 2.0	< 2.0	2.0
Monobromoacetic Acid (MBAA)	< 1.0	< 1.0	1.0
Dichloroacetic Acid (DCAA)	< 1.0	< 1.0	1.0
Trichloroacetic Acid (TCAA)	< 1.0	< 1.0	1.0
Bromochloroacetic Acid (BCAA)	< 1.0	< 1.0	1.0
Dibromoacetic Acid (DBAA)	< 1.0	< 1.0	1.0

### Calculated Results

Parameter	Result (ug/L)	MCL (ug/L)
Total Haloacetic Acids†	< 6.0	60
Maximum Potential HAAs‡	6.0	60

†Results < RL are not included in total

‡Results < RL are included at their DL

### Surrogate Compounds

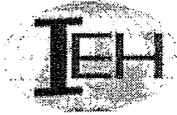
Parameter	% Rec.	LCL	UCL
2,3-Dibromopropionic Acid (Surr.)	89%	70%	130%

MCL: Maximum Contaminant Level

RL: Reporting Limit

LCL: Lower Control Limit

UCL: Upper Control Limit



# IEH Analytical Laboratories

3927 Aurora Ave. N., Seattle, WA 98103 | (206) 632-2715

## Haloacetic Acids Fortified Blank Report

Results of Analysis by EPA Method 552.3

Measurement of Haloacetic Acids by GC/ECD

Case File Number LFB (8/18/15)  
 Sample ID No.: LFB  
 Date Collected: n/a  
 Date Received: n/a  
 Date Extracted: 8/18/2015  
 Date Analyzed: 8/19/2015  
 Date of Report: 8/20/2015

Matrix: Water  
 Sample Vol. (ml) 40.0  
 Dilution Factor: 1  
 Prepped: TM  
 Analyst: TM  
 Supervisor's Initials: DG

### Haloacetic Acids

Parameter	Recovery	LCL	UCL
Monochloroacetic Acid (MCAA)	125%	80%	120%
Monobromoacetic Acid (MBAA)	104%	80%	120%
Dichloroacetic Acid (DCAA)	98%	80%	120%
Trichloroacetic Acid (TCAA)	111%	80%	120%
Bromochloroacetic Acid (BCAA)	87%	80%	120%
Dibromoacetic Acid (DBAA)	98%	80%	120%

### Calculated Results

Parameter	Result (ug/L)	LCL (ug/L)	UCL (ug/L)
Total Haloacetic Acids†	10.7	8.0	12.0
Maximum Potential HAAs‡	10.7	8.0	12.0

†Results < RL are not included in total

‡Results < RL are included at their DL

### Surrogate Compounds

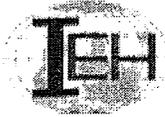
Parameter	% Rec.	LCL	UCL
2,3-Dibromopropionic Acid (Surr.)	92%	70%	130%

MCL: Maximum Contaminant Level

RL: Reporting Limit

LCL: Lower Control Limit

UCL: Upper Control Limit



# IEH Analytical Laboratories

3927 Aurora Ave. N., Seattle, WA 98103 | (206) 632-2715

## Haloacetic Acids Sample Report

Results of Analysis by EPA Method 552.3

Measurement of Haloacetic Acids by GC/ECD

**Case File Number** JLA04894A1  
**Sample ID No.:** 353107-01  
**Date Collected:** 8/4/2015  
**Date Received:** 8/6/2015  
**Date Extracted:** 8/18/2015  
**Date Analyzed** 8/19/2015  
**Date of Report:** 8/20/2015

**Matrix:** Water  
**Sample Vol. (ml)** 40.0  
**Dilution Factor:** 1  
**Prepped:** TM  
**Analyst:** TM  
**Supervisor's Initials:** DG

### Haloacetic Acids

Parameter	Result (ug/L)	RL (ug/L)
Monochloroacetic Acid (MCAA)	< 2.0	2.0
Monobromoacetic Acid (MBAA)	< 1.0	1.0
Dichloroacetic Acid (DCAA)	< 1.0	1.0
Trichloroacetic Acid (TCAA)	< 1.0	1.0
Bromochloroacetic Acid (BCAA)	< 1.0	1.0
Dibromoacetic Acid (DBAA)	< 1.0	1.0

### Calculated Results

Parameter	Result (ug/L)	MCL (ug/L)
Total Haloacetic Acids†	< 6.0	60
Maximum Potential HAAs‡	6.0	60

†Results < RL are not included in total

‡Results < RL are included at their DL

### Surrogate Compounds

Parameter	% Rec.	LCL	UCL
2,3-Dibromopropionic Acid (Surr.)	72%	70%	130%

MCL: Maximum Contaminant Level

RL: Reporting Limit

LCL: Lower Control Limit

UCL: Upper Control Limit

Results relate only to the submitted sample.



# IEH Analytical Laboratories

3927 Aurora Ave. N., Seattle, WA 98103 | (206) 632-2715

## Haloacetic Acids Matrix Spike Report

Results of Analysis by EPA Method 552.3

Measurement of Haloacetic Acids by GC/ECD

Case File Number JLA04894A1 MS  
 Sample ID No.: 353107-01  
 Date Collected: 8/4/2015  
 Date Received: 8/6/2015  
 Date Extracted: 8/18/2015  
 Date Analyzed: 8/19/2015  
 Date of Report: 8/20/2015

Matrix: Water  
 Sample Vol. (ml) 40.0  
 Dilution Factor: 1  
 Prepped: TM  
 Analyst: TM  
 Supervisor's Initials: DG

### Haloacetic Acids

Parameter	Recovery	LCL	UCL
Monochloroacetic Acid (MCAA)	91%	80%	120%
Monobromoacetic Acid (MBAA)	87%	80%	120%
Dichloroacetic Acid (DCAA)	92%	80%	120%
Trichloroacetic Acid (TCAA)	82%	80%	120%
Bromochloroacetic Acid (BCAA)	84%	80%	120%
Dibromoacetic Acid (DBAA)	82%	80%	120%

### Calculated Results

Parameter	Result (ug/L)	LCL (ug/L)	UCL (ug/L)
Total Haloacetic Acids†	43.4	40.0	60.0
Maximum Potential HAAs‡	43.4	40.0	60.0

†Results < RL are not included in total

‡Results < RL are included at their DL

### Surrogate Compounds

Parameter	% Rec.	LCL	UCL
2,3-Dibromopropionic Acid (Surr.)	80%	70%	130%

MCL: Maximum Contaminant Level

RL: Reporting Limit

LCL: Lower Control Limit

UCL: Upper Control Limit



# IEH - JL ANALYTICAL

217 Primo Way • Modesto, California 95358 • Office (209) 538-8111 • FAX (209) 538-3966

Sconza Candy Company  
Attn: Jesse Hodges  
1 Sconza Candy Lane  
Oakdale, CA 95361

Report # L2.2-14R35619  
Report Date: 12/04/2015  
Received Date: 12/01/2015  
Work Order: 363455

Laboratory Number: 36345501  
Description: Water, 5000179-002, 12-1-15, 5:15

## Analytical Results

Constituent	Result	Minimum Level	Method Detection Limit	Method Reference	Analysis Date	Analysis Time	Analyst
Nitrate	10.0 mg/l	0.2	0.12	EPA 300.050	12/02/2015	10:13	JA

## QC Results

Constituent	QC Units	Blank	Matrix	Theoretical Spike	Matrix Spike	Matrix Spike Duplicate	Lab Control Spike	Precision %	Accuracy %	Response %
Nitrate	mg/l	< 0.2	35.0	4.0	38.9	38.8	3.9	0.1	96.0	97.3

### Notes

\*Nitrates must be less than 45mg/L to meet California drinking water standards.\*

Authorized By: Gayle Parquer 12/04/2015  
Gayle Parquer, Chemist

JL Analytical Services  
 217 Primo Way  
 Modesto, CA 95358

EDT

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 15/12/07

Sample ID No. 363455-01

Laboratory

Signature Lab

Name: JL ANALYTICAL SERVICES, INC.

Director: *[Signature]*

Name of Sampler: Jesse Hodges

Employed By: Sconza Candy Company

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 15/12/01/0515

Received @ Lab: 15/12/01/1250

Completed: 15/12/02

System

System

Name: SCONZA CANDY COMPANY

Number: 5000179

Name or Number of Sample Source: #2 WELL CENTRAL

\*\*\*\*\*  
 \* User ID: 50C Station Number: 5000179-002 \*  
 \* Date/Time of Sample: |15|12|01|0515| Laboratory Code: 1040 \*  
 \* YY MM DD TTTT YY MM DD \*  
 \* Date Analysis completed: |15|12|02| \*  
 \* Submitted by: Phone #: \*  
 \*\*\*\*\*

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

Total Cations Meq/L Value:

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410		
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850	10	2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

Total Anions Meq/L Value:

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

\* 250-500-600 \*\* 0.6-1.7 \*\*\* 900-1600-2200 \*\*\*\* 500-1000-1500



# IEH - JL ANALYTICAL

217 Primo Way • Modesto, California 95358 • Office (209) 538-8111 • FAX (209) 538-3966

Sconza Candy Company  
Attn: Jesse Hodges  
1 Sconza Candy Lane  
Oakdale, CA 95361

Report # L2.2-14R35620  
Report Date: 12/04/2015  
Received Date: 12/01/2015  
Work Order: 363456

Laboratory Number: 36345601  
Description: Water, 5000179-004, 12-1-15, 4:55

## Analytical Results

Constituent	Result	Minimum Level	Method Detection Limit	Method Reference	Analysis Date	Analysis Time	Analyst
Nitrate	9.5 mg/l	0.2	0.12	EPA 300.050	12/02/2015	10:13	JA

## QC Results

Constituent	QC Units	Blank	Matrix	Theoretical Spike	Matrix Spike	Matrix Spike Duplicate	Lab Control Spike	Precision %	Accuracy %	Response %
Nitrate	mg/l	< 0.2	35.0	4.0	38.9	38.8	3.9	0.1	96.0	97.3

### Notes

\*Nitrates must be less than 45mg/L to meet California drinking water standards.\*

Authorized By: Gayle Parquer 12/04/2015  
Gayle Parquer, Chemist

JL Analytical Services  
 217 Primo Way  
 Modesto, CA 95358

EDT

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 15/12/07

Sample ID No: 363456-01

Laboratory

Signature Lab

Name: JL ANALYTICAL SERVICES, INC.

Director: *Jesse Hodges*

Name of Sampler: Jesse Hodges

Employed By: Sconza Candy Company

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 15/12/01/0455

Received @ Lab: 15/12/01/1250

Completed: 15/12/02

System

System

Name: SCONZA CANDY COMPANY

Number: 5000179

Name or Number of Sample Source: #4 WELL NORTH WEST

\*\*\*\*\*  
 \* User ID: 50C Station Number: 5000179-004 \*  
 \* Date/Time of Sample: |15|12|01|0455| Laboratory Code: 1040 \*  
 \* YY MM DD TTTT YY MM DD \*  
 \* Date Analysis completed: |15|12|02| \*  
 \* Submitted by: Phone #: \*  
 \*\*\*\*\*

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		
Total Cations Meq/L Value:					
	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410		
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850	9.5	2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1
Total Anions Meq/L Value:					
	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
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