



Zalco  
Laboratories, Inc.

4309 Armour Ave.  
Bakersfield, CA 93308  
661.395.0539

July 07, 2025

Richie Lawrence

North Kern Water Storage District  
P O BOX 81435  
Bakersfield, CA 93380  
RE: Irrigation Analysis

Zalco Work Order: 2506547

Zalco Project:

Enclosed are the results of analyses for samples received by our laboratory on 6/26/2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Andrea Magana'. The signature is fluid and cursive, with the first name 'Andrea' and last name 'Magana' clearly distinguishable.

Andrea Magana For Juan Magana  
Laboratory Technical Manager





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North Kern Water Storage District  
P O BOX 81435  
Bakersfield, CA 93380

Project: Irrigation Analysis  
Project Number: Irrigation Analysis  
Project Manager: Richie Lawrence

**Reported:**  
07/07/2025 09:11

## Sample Results

**Sample Name:** Kimberlina

**Sampled Date - Time:** 6/26/2025 9:45:00AM

**Lab ID:** 2506547-01

**Matrix:** Water

**Sample Type:** Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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### Solids

<b>Total Suspended Solids</b>	<b>12</b>	2.5	0.33	mg/L	1	6/30/25 15:43	SM 2540 D	PB	
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Project: Irrigation Analysis  
Project Number: Irrigation Analysis  
Project Manager: Richie Lawrence

**Reported:**  
07/07/2025 09:11

## Sample Results

(Continued)

**Sample Name:** Stiff House

**Sampled Date - Time:** 6/26/2025 9:00:00AM

**Lab ID:** 2506547-02

**Matrix:** Water

**Sample Type:** Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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### Solids

<b>Total Suspended Solids</b>	<b>11</b>	2.5	0.33	mg/L	1	6/30/25 15:43	SM 2540 D	PB	
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The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

**Zalco Laboratories, Inc. 4309 Armour Ave. Bakersfield CA 93308 (661) 395-0539**



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Bakersfield, CA 93380

Project: Irrigation Analysis  
Project Number: Irrigation Analysis  
Project Manager: Richie Lawrence

**Reported:**  
07/07/2025 09:11

## Sample Results

(Continued)

**Sample Name:** 7th Standard

**Sampled Date - Time:** 6/26/2025 9:25:00AM

**Lab ID:** 2506547-03

**Matrix:** Water

**Sample Type:** Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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### Solids

<b>Total Suspended Solids</b>	<b>10</b>	2.5	0.33	mg/L	1	6/30/25 15:43	SM 2540 D	PB	
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Project: Irrigation Analysis  
Project Number: Irrigation Analysis  
Project Manager: Richie Lawrence

**Reported:**  
07/07/2025 09:11

## Sample Results

(Continued)

**Sample Name:** CT 1 @ Zachary

**Sampled Date - Time:** 6/26/2025 9:40:00AM

**Lab ID:** 2506547-04

**Matrix:** Water

**Sample Type:** Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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### Solids

Total Suspended Solids	ND	2.5	0.33	mg/L	1	6/30/25 15:43	SM 2540 D	PB	
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The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

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Project: Irrigation Analysis  
Project Number: Irrigation Analysis  
Project Manager: Richie Lawrence

**Reported:**  
07/07/2025 09:11

## Sample Results

(Continued)

**Sample Name:** Head Of Beardsley

**Sampled Date - Time:** 6/26/2025 10:15:00AM

**Lab ID:** 2506547-05

**Matrix:** Water

**Sample Type:** Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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### Solids

<b>Total Suspended Solids</b>	<b>5.2</b>	2.5	0.33	mg/L	1	6/30/25 15:43	SM 2540 D	PB	
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Project: Irrigation Analysis  
Project Number: Irrigation Analysis  
Project Manager: Richie Lawrence

**Reported:**  
07/07/2025 09:11

## Quality Control

### Solids

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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#### **Batch: 5F00664 - WetChem**

##### **Blank (5F00664-BLK1)**

Total Suspended Solids ND 2.5 mg/L Prepared & Analyzed: 6/30/2025

##### **Duplicate (5F00664-DUP1)**

Total Suspended Solids 230 2.5 mg/L 240 4.26 10

##### **Reference (5F00664-SRM1)**

Total Suspended Solids 68 mg/L 100 68.4 70-130





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Project: Irrigation Analysis  
Project Number: Irrigation Analysis  
Project Manager: Richie Lawrence

**Reported:**  
07/07/2025 09:11

### Notes and Definitions

Item	Definition
Dry	Sample results reported on a dry weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.



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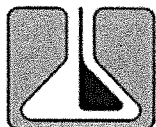
North Kern Water Storage District  
P O BOX 81435  
Bakersfield, CA 93380

Project: Irrigation Analysis  
Project Number: Irrigation Analysis  
Project Manager: Richie Lawrence

**Reported:**  
07/07/2025 09:11

### Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Default Report (not modified) VERSION 6.18:2004
5F00664-SRM1	TSS-SM2540D	Total Suspended Solids	Exceeds lower control limit

**ZALCO LABORATORIES, INC.**

Analytical and Consulting Services

www.zalcolabs.com

4309 Armour Avenue, Bakersfield, CA 93308

(661) 395-0539 FAX (661) 395-3069

North Ken Water Storage District  
33380 Cawelo Ave.  
Bakersfield, CA 93308

Laboratory No: 2506547-01  
Date Received: 06/26/25  
Analysis Date: 06/26/25  
Date Reported: 07/03/25

Attention: Richie Lawrence

Sample Identification: Kimberlina  
Sampled by: Client

Date: 6/26/2025

Time: 8:45:00 AM

**IRRIGATION WATER ANALYSIS**

pH..... 7.87

Specific Conductance ..... 291  
(micromhos/cm @ 25 C)

Specific Conductance (SC):..... 0.291  
(millimhos/cm @ 25 C)

**Constituents**

Calcium, Ca

mg/Lmeq/L

19

1.0

Magnesium, Mg

1.6

0.13

Sodium, Na

23

1.00

Potassium, K

1.3

0.033

Alkalinity as:

Hydroxide, OH

0.0

0

Carbonate, CO<sub>3</sub>

0.0

0

Bicarbonate, HCO<sub>3</sub>

38

0.62

Chloride, Cl

28

0.79

Sulfate, SO<sub>4</sub>

45

0.94

Nitrate, NO<sub>3</sub>

2.7

0.044

Totals (Sum)

143

4.5

Boron, B

&lt; 0.10

Total Dissolved Solids, (Gravimetric)

210

Calculated Hardness, CaCO<sub>3</sub>

54

Sodium Adsorption Ratio, SAR

1.4

Exchangeable Sodium Percentage, ESP

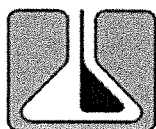
0.8

Cation/Anion Balance, %

10%

Langelier Scale Index

-0.53

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North Ken Water Storage District  
33380 Cawelo Ave.  
Bakersfield, CA 93308

Laboratory No: 2506547-02  
Date Received: 06/26/25  
Analysis Date: 06/26/25  
Date Reported: 07/03/25

Attention: Richie Lawrence

Sample Identification: Stiff House  
Sampled by: Client

Date: 6/26/2025

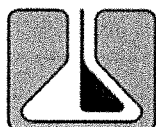
Time: 9:00:00 AM

**IRRIGATION WATER ANALYSIS**

pH..... 8.18  
Specific Conductance ..... 319  
(micromhos/cm @ 25 C)

Specific Conductance (SC):..... 0.319  
(millimhos/cm @ 25 C)

Constituents	mg/L	meq/L
Calcium, Ca	23	1.1
Magnesium, Mg	2.2	0.18
Sodium, Na	23	1.00
Potassium, K	1.5	0.038
Alkalinity as:		
Hydroxide, OH	0.0	0
Carbonate, CO <sub>3</sub>	0.0	0
Bicarbonate, HCO <sub>3</sub>	54	0.88
Chloride, Cl	25	0.7
Sulfate, SO <sub>4</sub>	47	0.98
Nitrate, NO <sub>3</sub>	7.0	0.11
Totals (Sum)	161	5.0
Boron, B	< 0.10	
Total Dissolved Solids, (Gravimetric)	220	
Calculated Hardness, CaCO <sub>3</sub>	66	
Sodium Adsorption Ratio, SAR	1.2	
Exchangeable Sodium Percentage, ESP	0.5	
Cation/Anion Balance, %	9%	
Langelier Scale Index	0.01	

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Bakersfield, CA 93308

Laboratory No: 2506547-03  
Date Received: 06/26/25  
Analysis Date: 06/26/25  
Date Reported: 07/03/25

Attention: Richie Lawrence

Sample Identification: 7th Standard  
Sampled by: Client

Date: 6/26/2025

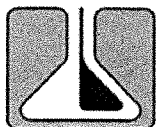
Time: 9:25:00 AM

**IRRIGATION WATER ANALYSIS**

pH..... 7.89  
Specific Conductance ..... 119  
(micromhos/cm @ 25 C)

Specific Conductance (SC):..... 0.119  
(millimhos/cm @ 25 C)

Constituents	mg/L	meq/L
Calcium, Ca	8.3	0.4
Magnesium, Mg	1.5	0.12
Sodium, Na	27	1.20
Potassium, K	1.1	0.028
Alkalinity as:		
Hydroxide, OH	0.0	0
Carbonate, CO <sub>3</sub>	0.0	0
Bicarbonate, HCO <sub>3</sub>	46	0.76
Chloride, Cl	3.8	0.11
Sulfate, SO <sub>4</sub>	7.4	0.15
Nitrate, NO <sub>3</sub>	0.92	0.015
Totals (Sum)	78	2.8
Boron, B	< 0.10	
Total Dissolved Solids, (Gravimetric)	120	
Calculated Hardness, CaCO <sub>3</sub>	27	
Sodium Adsorption Ratio, SAR	2.3	
Exchangeable Sodium Percentage, ESP	2.1	
Cation/Anion Balance, %	18%	
Langelier Scale Index	-0.78	

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North Ken Water Storage District  
33380 Cawelo Ave.  
Bakersfield, CA 93308

Laboratory No: 2506547-04  
Date Received: 06/26/25  
Analysis Date: 06/26/25  
Date Reported: 07/03/25

Attention: Richie Lawrence

Sample Identification: CT 1 @ Zachary  
Sampled by: Client

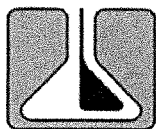
Date: 6/26/2025

Time: 9:40:00 AM

**IRRIGATION WATER ANALYSIS**

pH.....	8.85		
Specific Conductance .....	214	Specific Conductance (SC):.....	0.214
(micromhos/cm @ 25 C)		(millimhos/cm @ 25 C)	

Constituents	mg/L	meq/L
Calcium, Ca	4.9	0.2
Magnesium, Mg	< 0.1	0
Sodium, Na	27	1.20
Potassium, K	< 0.5	0
Alkalinity as:		
Hydroxide, OH	0.0	0
Carbonate, CO <sub>3</sub>	7.5	0.25
Bicarbonate, HCO <sub>3</sub>	62	1.02
Chloride, Cl	16	0.45
Sulfate, SO <sub>4</sub>	13	0.27
Nitrate, NO <sub>3</sub>	3.4	0.055
Totals (Sum)	107	3.5
Boron, B	< 0.10	
Total Dissolved Solids, (Gravimetric)	180	
Calculated Hardness, CaCO <sub>3</sub>	12	
Sodium Adsorption Ratio, SAR	3.3	
Exchangeable Sodium Percentage, ESP	3.5	
Cation/Anion Balance, %	22%	
Langelier Scale Index	0.13	

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Bakersfield, CA 93308

Laboratory No: 2506547-05  
Date Received: 06/26/25  
Analysis Date: 06/26/25  
Date Reported: 07/03/25

Attention: Richie Lawrence

Sample Identification: Head of Beardsley

Sampled by: Client

Date: 6/26/2025

Time: 10:15:00 AM

**IRRIGATION WATER ANALYSIS**

pH..... 7.91

Specific Conductance ..... 120  
(micromhos/cm @ 25 C)

Specific Conductance (SC):..... 0.120  
(millimhos/cm @ 25 C)

Constituents

Calcium, Ca

mg/L  
7.6

meq/L  
0.4

Magnesium, Mg

1.4

0.12

Sodium, Na

8.5

0.37

Potassium, K

1.1

0.028

Alkalinity as:

Hydroxide, OH

0.0

0

Carbonate, CO<sub>3</sub>

0.0

0

Bicarbonate, HCO<sub>3</sub>

48

0.79

Chloride, Cl

4

0.099

Sulfate, SO<sub>4</sub>

&lt; 1

0

Nitrate, NO<sub>3</sub>

0.7

0.011

Totals (Sum)

52

1.8

Boron, B

&lt; 0.10

Total Dissolved Solids, (Gravimetric)

89

Calculated Hardness, CaCO<sub>3</sub>

25

Sodium Adsorption Ratio, SAR

0.7

Exchangeable Sodium Percentage, ESP

-0.2

Cation/Anion Balance, %

9%

Langelier Scale Index

-0.77



BSK Associates Bakersfield  
4820 Rosedale Ln  
Bakersfield, CA 93314  
661-327-0671 (Main)

**BIF0604**

**7/02/2025**

Invoice: BI01348

Andrea Magana  
Zalco Laboratories  
4309 Armour Avenue  
Bakersfield, CA 93308

**RE: Report for BIF0604 Drinking Water - NO Clip**

Dear Andrea Magana,

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 6/27/2025. 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 2016 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.

This certificate of analysis shall not be reproduced except in full, without written approval of the laboratory.

If additional clarification of any information is required, please contact your Client Services Representative, Misty Orton, at 661-327-0671.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'S Maupas', is written over a horizontal line.

Stephane Maupas, Regional Manager - Client Services



**Case Narrative****Project and Report Details**

**Client:** Zalco Laboratories  
**Report To:** Andrea Magana  
**Project #:** 2506547  
**Received:** 6/27/2025 - 11:12  
**Report Due:** 7/03/2025

**Invoice Details**

**Invoice To:** Zalco Laboratories  
**Invoice Attn:** Andrea Magana  
**Project PO#:** -

**Sample Receipt Conditions**

**Cooler:** Default Cooler  
**Temperature on Receipt °C:** 2.9

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

**Data Qualifiers**

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

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

**Report Distribution**

Recipient(s)	Report Format	CC:
Andrea Magana	MCL_FINAL.RPT	jmagana@zalcolabs.com;Julian@zalcolabs.com
Ashlee Gonzalez	MCL_FINAL.RPT	admin@zalcolabs.com



**BIF0604**

**Drinking Water - NO Clip**

2506547

## Certificate of Analysis

**Sample ID:** BIF0604-01

**Sampled By:** Client

**Sample Description:** 2506547-01

**Sample Date - Time:** 06/26/2025 - 09:45

**Matrix:** Water

**Sample Type:** Grab

### BSK Associates Laboratory Fresno

#### Metals

Analyte	Method	Result	RL	Units	RL Mult	1° MCL	2° MCL	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 200.8	3.4	2.0	ug/L	1	10		AIF2036	06/30/25	07/01/25	



**BIF0604**

**Drinking Water - NO Clip**

2506547

## Certificate of Analysis

**Sample ID:** BIF0604-02

**Sampled By:** Client

**Sample Description:** 2506547-02

**Sample Date - Time:** 06/26/2025 - 09:00

**Matrix:** Water

**Sample Type:** Grab

### BSK Associates Laboratory Fresno

#### Metals

Analyte	Method	Result	RL	Units	RL Mult	1° MCL	2° MCL	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 200.8	2.6	2.0	ug/L	1	10		AIF2036	06/30/25	07/01/25	



**BIF0604**

**Drinking Water - NO Clip**

2506547

## Certificate of Analysis

**Sample ID:** BIF0604-03

**Sampled By:** Client

**Sample Description:** 2506547-03

**Sample Date - Time:** 06/26/2025 - 09:25

**Matrix:** Water

**Sample Type:** Grab

### BSK Associates Laboratory Fresno

#### Metals

Analyte	Method	Result	RL	Units	RL Mult	1° MCL	2° MCL	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 200.8	3.8	2.0	ug/L	1	10		AIF2036	06/30/25	07/01/25	



**BIF0604**

**Drinking Water - NO Clip**

2506547

## Certificate of Analysis

**Sample ID:** BIF0604-04

**Sampled By:** Client

**Sample Description:** 2506547-04

**Sample Date - Time:** 06/26/2025 - 09:40

**Matrix:** Water

**Sample Type:** Grab

### BSK Associates Laboratory Fresno

#### Metals

Analyte	Method	Result	RL	Units	RL Mult	1° MCL	2° MCL	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 200.8	3.2	2.0	ug/L	1	10		AIF2036	06/30/25	07/01/25	



**BIF0604**

**Drinking Water - NO Clip**

2506547

## Certificate of Analysis

**Sample ID:** BIF0604-05

**Sampled By:** Client

**Sample Description:** 2506547-05

**Sample Date - Time:** 06/26/2025 - 10:15

**Matrix:** Water

**Sample Type:** Grab

### BSK Associates Laboratory Fresno

#### Metals

Analyte	Method	Result	RL	Units	RL Mult	1° MCL	2° MCL	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 200.8	3.1	2.0	ug/L	1	10		AIF2036	06/30/25	07/01/25	



BIF0604

Drinking Water - NO Clip

BSK Associates Laboratory Fresno  
Metals 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 200.8 - Quality Control

Batch: AIF2036

Prepared: 6/30/2025

Prep Method: EPA 200.2

Analyst: AHS

Blank (AIF2036-BLK1)

Arsenic	ND	2.0	ug/L							07/01/25	
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Blank Spike (AIF2036-BS1)

Arsenic	220	2.0	ug/L	240	ND	90	85-115			07/01/25	
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Blank Spike Dup (AIF2036-BSD1)

Arsenic	220	2.0	ug/L	240	ND	91	85-115	0	20	07/01/25	
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Matrix Spike (AIF2036-MS1), Source: AIF3501-01

Arsenic	230	2.0	ug/L	240	ND	97	70-130			07/01/25	
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Matrix Spike Dup (AIF2036-MSD1), Source: AIF3501-01

Arsenic	220	2.0	ug/L	240	ND	92	70-130	5	20	07/01/25	
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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.
- Field tests are outside the scope of laboratory accreditation and there is no certification available for field testing.
- 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.
- (2) - Formerly known as Bis(2-Chloroisopropyl) ether.  
Unless otherwise noted, TOC results by SM 5310C method do not include purgeable organic carbon, which is removed along with the inorganic carbon interference. The POC contribution to TOC is considered to be negligible.



## Certificate of Analysis

### 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 below MRL/MDL	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	pCi/L:	PicoCuries per Liter	Absent:	Less than 1 CFU/100mLs
%:	Percent	RL Mult:	RL Multiplier	Present:	1 or more CFU/100mLs
NR:	Non-Reportable	MCL:	Maximum Contaminant Limit	U:	The analyte was not detected at or above the reported sample quantitation limit.

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

**The following parameters are not available for certification through CA ELAP:**

Odor                                      Diisopropyl ether (DIPE) by EPA 524.2

## Certificate of Analysis

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

### Bakersfield

State of California - ELAP 1180-S3

### Fresno

State of California - ELAP 1180

Los Angeles CSD 9254479

State of Nevada NV-C24-00233

EPA UCMR5 CA00079

State of Hawaii 4021

NELAP certified 4021-024

State of Oregon - NELAP 4021-024

State of Washington C997-25

### Sacramento

State of California - ELAP 1180-S1

### San Bernardino

State of California - ELAP 1180-S2

NELAP certified 4119-009

Los Angeles CSD 9254478

State of Oregon - NELAP 4119-009

### Vancouver

NELAP certified WA100008-020

State of Washington C824-24

State of Oregon - NELAP WA100008-020



# Sample Integrity

BSK Bottles: Yes NoPage 1 of 1

COC Info	Was temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 8^{\circ}\text{C}$		Yes	No	NA	Were correct containers and preservatives received for the tests requested?		Yes	No
	If samples were taken today, is there evidence that chilling has begun?		Yes	No	NA	Bubbles Present VOAs (524.2/TTHM/TCP)?		Yes	No
	Did all bottles arrive unbroken and intact?		Yes	No		TB Received? (Check Method Below)		Yes	No
	Did all bottle labels agree with COC?		Yes	No		Was a sufficient amount of sample received?		Yes	No
	Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?		Yes	NA		Do samples have a hold time <72 hours?		Yes	No
		PM:		dt:		email scan copy		Yes	No
Bottles Received means preservation/chlorine checks are either N/A or are performed in the lab	250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)		Checks*	Passed?	1-5				
	Bacti Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>		—	—					
	None (P) White Label		—	—					
	Cr6 (P) Lt. Green Label/Blue Cap NH <sub>4</sub> OH(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> DW		Cl, pH > 8	P F					
	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	P F					
	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	P F					
	HNO <sub>3</sub> (P) Red Label or HCl (P) Purple Cap/Lt. Blue Label		—	—	1A				
	H <sub>2</sub> SO <sub>4</sub> (P) or (AG) Yellow Label		pH < 2	P F					
	NaOH (P) Green Cap/Label		Cl, pH > 10	P F					
	NaOH + ZnAc (P)		pH > 9	P F					
	Dissolved Oxygen 300ml (g)		—	—					
	None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270		—	—					
	HCl (AG) Lt. Blue Label O&G, Diesel, TCP		—	—					
	Ascorbic, EDTA, KH <sub>2</sub> Ct (AG) Pink Label 525		—	—					
	Na <sub>2</sub> SO <sub>3</sub> 250mL (AG) Neon Green Label 515		—	—					
	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 548, THM, 524		—	—					
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (CG) Blue Label 504, 505, 547		—	—					
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA (CG) Orange Label 531		pH < 3	P F					
	NH <sub>4</sub> Cl (AG) Purple Label 552		—	—					
	EDA (P) or (AG) Brown Label DBPs		—	—					
	HCL (CG) 524.2, BTEX, Gas, MTBE, 8260/624		—	—					
	Buffer pH 4 (CG)		—	—					
	H <sub>3</sub> PO <sub>4</sub> (CG) Salmon Label		—	—					
	Trizma - EPA 537.1 Light Blue Label FB		---	---					
	Ammonia Acetate - EPA 533 Purple Label FB		---	---					
	Bottled Water		—	—					
	Clear Glass: Jar / VOA		—	—					
	OTHER:		—	—					
	OTHER:		—	—					
Split	Container	Preservative	Lot #	Initials	Date/Time	Preservation	Check		
	S P					pH Lot #			
Comments	*Preservation check completed by lab performing analysis.			✓ Indicates Blanks Received					
	Labeled by:			504 ___ 524.2 ___ TTHM ___ 537/533 ___ TCP ___					
Checked by:			✓ MS/MSD Received Method: _____						

Scanned: CW Rush/Short HT Page: \_\_\_\_\_ Time: \_\_\_\_\_



29. #85

SUBCONTRACT ORDER

Zalco Laboratories, Inc

2506547

BIF0604 Zalco0539 06/27/2025



4

SENDING LABORATORY:

Zalco Laboratories, Inc  
4309 Armour Ave  
Bakersfield, CA 93308  
Phone: 661.395.0539  
Fax: N/A  
Project Manager: Juan Magana

RECEIVING LABORATORY:

BSK Analytical Laboratories  
691 N. Laverne Avenue, Suite 101  
Fresno, CA 93727  
Phone : (559) 497-2888  
Fax: (559) 485-6935

NON POTABLE

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 2506547-01	Water	Sampled:06/26/25 09:45		No EDT Needed
As-200.8	07/03/25 09:00	12/23/25 09:45		
Containers Supplied:				
Sample ID: 2506547-02	Water	Sampled:06/26/25 09:00		No EDT Needed
As-200.8	07/03/25 09:00	12/23/25 09:00		
Containers Supplied:				
Sample ID: 2506547-03	Water	Sampled:06/26/25 09:25		No EDT Needed
As-200.8	07/03/25 09:00	12/23/25 09:25		
Containers Supplied:				
Sample ID: 2506547-04	Water	Sampled:06/26/25 09:40		No EDT Needed
As-200.8	07/03/25 09:00	12/23/25 09:40		
Containers Supplied:				
Sample ID: 2506547-05	Water	Sampled:06/26/25 10:15		No EDT Needed
As-200.8	07/03/25 09:00	12/23/25 10:15		
Containers Supplied:				

RUSH!

4-day

AMC

6/27/25

Released By

Date

Received By

Date

Released By

Date

Received By

Date

well In. Blue. Ø

Caroline White 6/27/25 11:12



# SAMPLE TRANSIT ORDER

BIF0604

Misty Orton

ed



Receipt temp @ FAL: 5.9

Thermometer/ IR Gun ID: 70

SENDING LABORATORY:

RECEIVING LABORATORY:

BSK Associates Laboratory Fresno  
687 N. Laverne Avenue  
Fresno, CA 93727  
559-497-2888 (Main)

Project Manager: Misty Orton  
E-mail: [misty@bskassociates.com](mailto:misty@bskassociates.com)

Turnaround (Days): 4  
QC Deliverables: I Std III IV

**Client: Zalco Laboratories**

Sample ID	Samp Desc	Sample Date
BIF0604-01	2506547-01	06/26/2025 09:45
Lab Matrix:	Water	
Analysis:	_____	
	Arsenic, CA DW ICPMS	
BIF0604-02	2506547-02	06/26/2025 09:00
Lab Matrix:	Water	
Analysis:	_____	
	Arsenic, CA DW ICPMS	
BIF0604-03	2506547-03	06/26/2025 09:25
Lab Matrix:	Water	
Analysis:	_____	
	Arsenic, CA DW ICPMS	
BIF0604-04	2506547-04	06/26/2025 09:40
Lab Matrix:	Water	
Analysis:	_____	
	Arsenic, CA DW ICPMS	
BIF0604-05	2506547-05	06/26/2025 10:15
Lab Matrix:	Water	
Analysis:	_____	
	Arsenic, CA DW ICPMS	

Containers Included

BIF0604-01	A	Z- 250mL P / HNO3
BIF0604-02	A	Z- 250mL P / HNO3
BIF0604-03	A	Z- 250mL P / HNO3
BIF0604-04	A	Z- 250mL P / HNO3
BIF0604-05	A	Z- 250mL P / HNO3

Released By Caroline White Date 6/27/25 1200

Received By

Date

Released By

Date

Received By

Date

BSK Associates

# SAMPLE TRANSIT INTEGRITY

PM: Misty Orton

BIF0604

06/27/2025

Zalco0539

4



BSK Bottles: Yes ☒ No ☐ Page 1 of 1

COC Info	Was temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 8^{\circ}\text{C}$		<input checked="" type="radio"/> Yes No NA		Were correct containers and preservatives received for the tests requested?		<input checked="" type="radio"/> Yes No NA	
	Did all bottles arrive unbroken and intact?		<input checked="" type="radio"/> Yes No		Bubbles Present VOAs (524.2/TCP/TTHM)?		Yes No <input checked="" type="radio"/> NA	
	Was a sufficient amount of sample received?		<input checked="" type="radio"/> Yes No		TB Received? (Check Method Below)		Yes No <input checked="" type="radio"/> NA	
	Do samples have a hold time $< 72$ hours?		<input checked="" type="radio"/> Yes No		Was PM notified of discrepancies?		Yes No <input checked="" type="radio"/> NA	
	Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?		Yes No <input checked="" type="radio"/> NA		PM: By/Time:			
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?	1-5			
	Bacti Na2S2O3		---	---				
	None (P) White Cap		---	---				
	Cr6 (P) Lt. Green Label/Blue Cap NH4OH(NH4)SO4 DW		Cl, pH > 8	P F				
	Cr6 (P) Pink Label/Blue Cap NH4OH(NH4)SO4 WW		pH 9.3 - 9.7	P F				
	Cr6 (P) Black Label/Blue Cap NH4OH(NH4)SO4 7199 ***24 HOUR HOLD TIME***		pH 9.0 - 9.5	P F				
	HNO3 (P) Red Cap or HCl (P) Purple Cap/Lt. Blue Label		---	---	1a			
	H2SO4 (P) or (AG) Yellow Cap/Label		pH < 2	P F				
	NaOH (P) Green Cap		Cl, pH > 10	P F				
	NaOH + ZnAc (P)		pH > 9	P F				
	Dissolved Oxygen 300ml (g)		---	---				
	None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270		---	---				
	HCl (AG) Lt. Blue Label O&G, Diesel, TCP		---	---				
	Ascorbic, EDTA, KH2Ct (AG) Pink Label 525		---	---				
	Na2SO3 250ml (AG) Neon Green Label 515		---	---				
	Na2S2O3 1 Liter (Brown P) 549		---	---				
	Na2S2O3 (AG) Blue Label 548, THM, 524		---	---				
	Na2S2O3 (CG) Blue Label 504, 505, 547		---	---				
	Na2S2O3 + MCAA (CG) Orange Label 531		pH < 3	P F				
	NH4Cl (AG) Purple Label 552		---	---				
	EDA (AG) Brown Label DBPs		---	---				
	HCL (CG) 524.2, BTEX, Gas, MTBE, 8260/624		---	---				
	Buffer pH 4 (CG)		---	---				
	H3PO4 (CG) Salmon Label		---	---				
	250mL P / Trizma 531.1		---	---				
	Other:							
	Asbestos 1L (P) w/Foil / LL Metals Bottle		---	---				
	Bottled Water		---	---				
Clear Glass 250ml / 500ml / 1 Liter		---	---					
Solids: Brass / Steel / Plastic Bag		---	---					
Split	Container	Preservative	Date/Time/Initials	Container	Preservative	Date/Time/Initials		
	S P			S P				
Comments							<input checked="" type="checkbox"/> Indicates Blanks Received 504 _____ 524.2 _____ TCP _____ TTHM _____ 537 _____ 8260/624 _____	

Preservation Check: pH Lot# \_\_\_\_\_

CI Lot# \_\_\_\_\_

Labels

Checked by: [Signature] @ 1530

Scanned by: [Signature] @ 1703

RUSH

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