



STATE WATER RESOURCES CONTROL BOARD  
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE



ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

## CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

**Alpha Analytical Laboratories, Inc.**

9090 Union Park Way

Elk Grove, CA 95624

Scope of the certificate is limited to the  
"Fields of Testing"  
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection,  
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of  
Section 100825, et seq. of the Health and Safety Code.

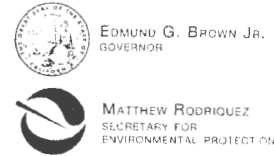
Certificate No.: **2922**

Expiration Date: **6/30/2018**

Effective Date: **7/1/2016**

Sacramento, California  
subject to forfeiture or revocation

*for Christine Sotelo*  
\_\_\_\_\_  
Christine Sotelo, Chief  
Environmental Laboratory Accreditation Program



## State Water Resources Control Board

October 10, 2017

Rachel Kaua  
Alpha Analytical Laboratories, Inc.  
208 Mason Street  
Ukiah, CA 95482

Dear Rachel Kaua:

Certificate No. 2922

This notice advises that the laboratory named above has been certified as an environmental testing laboratory pursuant to the provisions of the Health and Safety Code (HSC), Division 101, Part 1, Chapter 4, Section 100825, *et seq.*

The Fields of Testing for which this laboratory has been certified are indicated on the enclosed "Fields of Testing" list. The certificate shall remain in effect until **June 30, 2018** unless it is revoked. This certificate is subject to an annual fee as determined by HSC 100860.1(a).

The application for renewal of this certificate must be received 90 days prior to the expiration date to remain in force according to HSC 100845(a). You must submit annual Proficiency Testing results before the due date of your annual fee to remain in compliance.

Any change in laboratory location or alteration to laboratory structure that could adversely affect quality of analysis in certified methods require notification prior to the change. Notification is also required for a transfer in ownership or appointment of new laboratory director within 30 days of the change (HSC, Section 100845(b) and (d)).

Your continued cooperation with the above requirements is essential for maintaining the high quality of the data produced by environmental laboratories certified by the State of California.

Please contact our office at (916) 323-3431 or [elapca@waterboards.ca.gov](mailto:elapca@waterboards.ca.gov) with questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "for my own benefit" or similar, written over a printed name.

Christine Sotelo, Chief  
Environmental Laboratory Accreditation Program

Enclosure



STATE WATER RESOURCES CONTROL BOARD  
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Christine Sotelo, Chief  
Environmental Laboratory Accreditation Program



**CALIFORNIA STATE  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM  
Accredited Fields of Testing**



**Alpha Analytical Laboratories, Inc.**

9090 Union Park Way  
Elk Grove, CA 95624  
Phone: 916-686-5190

**Certificate No. 2922  
Expiration Date 6/30/2018**

**Field of Testing: 101 - Microbiology of Drinking Water**

|         |     |                              |                                |
|---------|-----|------------------------------|--------------------------------|
| 101.010 | 002 | Heterotrophic Bacteria       | SimPlate                       |
| 101.020 | 001 | Total Coliform P/A           | SM9221B                        |
| 101.020 | 002 | Fecal Coliform P/A           | SM 9221 B,E                    |
| 101.020 | 003 | E. coli P/A                  | SM 9221 B,F                    |
| 101.020 | 004 | Total Coliform (Enumeration) | SM9221B,C                      |
| 101.020 | 005 | Fecal Coliform (Enumeration) | SM 9221 B,E                    |
| 101.020 | 006 | E. coli (Enumeration)        | SM 9221 B,F                    |
| 101.050 | 001 | Total Coliform P/A           | SM9223B (Colilert)             |
| 101.050 | 002 | E. coli P/A                  | SM9223B (Colilert)             |
| 101.050 | 003 | Total Coliform (Enumeration) | SM9223B (Colilert/Quanti-Tray) |
| 101.050 | 004 | E. coli (Enumeration)        | SM9223B (Colilert/Quanti-Tray) |
| 101.050 | 005 | Total Coliform P/A           | SM9223B (Colilert 18)          |
| 101.050 | 006 | E. coli P/A                  | SM9223B (Colilert 18)          |
| 101.050 | 007 | Total Coliform (Enumeration) | SM9223B (Colilert 18)          |
| 101.050 | 008 | E. coli (Enumeration)        | SM9223B (Colilert 18)          |
| 101.050 | 009 | Total Coliform P/A           | SM9223B (Colisure)             |
| 101.050 | 010 | E. coli P/A                  | SM9223B (Colisure)             |
| 101.170 | 001 | Enterococci                  | Enterolert                     |

**Field of Testing: 102 - Inorganic Chemistry of Drinking Water**

|         |     |                          |                    |
|---------|-----|--------------------------|--------------------|
| 102.030 | 003 | Chloride                 | EPA 300.0          |
| 102.030 | 005 | Fluoride                 | EPA 300.0          |
| 102.030 | 006 | Nitrate (as N)           | EPA 300.0          |
| 102.030 | 007 | Nitrite (as N)           | EPA 300.0          |
| 102.030 | 008 | Phosphate, Ortho (as P)  | EPA 300.0          |
| 102.030 | 009 | Sulfate                  | EPA 300.0          |
| 102.095 | 001 | Turbidity                | SM2130B-2001       |
| 102.130 | 001 | Conductivity             | SM2510B-1997       |
| 102.140 | 001 | Residue, Filterable TDS  | SM2540C-1997       |
| 102.174 | 001 | Chlorine, Free           | SM4500-Cl F-2000   |
| 102.174 | 002 | Chlorine, Total Residual | SM4500-Cl F-2000   |
| 102.203 | 001 | Hydrogen Ion (pH)        | SM4500-H+ B-2000   |
| 102.220 | 001 | Nitrite (as N)           | SM4500-NO2- B-2000 |
| 102.240 | 001 | Phosphate, Ortho (as P)  | SM4500-P E-1999    |
| 102.280 | 001 | UV254                    | SM5910B-2011       |

**Field of Testing: 107 - Microbiology of Wastewater**

|         |     |                              |                |
|---------|-----|------------------------------|----------------|
| 107.010 | 001 | Heterotrophic Bacteria       | SM9215B        |
| 107.020 | 002 | Total Coliform (Enumeration) | SM9221B,E-2006 |

As of 10/10/2017, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

|         |     |                                      |                       |
|---------|-----|--------------------------------------|-----------------------|
| 107.030 | 002 | Total Coliform with Chlorine Present | SM9221B,C-2006        |
| 107.040 | 002 | Fecal Coliform (Enumeration)         | SM9221C,E-2006        |
| 107.050 | 002 | Fecal Coliform with Chlorine Present | SM9221C,E-2006        |
| 107.100 | 002 | Fecal Streptococci                   | SM9230B-2007          |
| 107.242 | 001 | Enterococci                          | Enterolert            |
| 107.245 | 001 | E. coli (Enumeration)                | SM9223B (Colilert 18) |
| 107.245 | 002 | E. coli (Enumeration)                | SM9223B (Colilert)    |

**Field of Testing: 108 - Inorganic Chemistry of Wastewater**

|         |     |                             |                    |
|---------|-----|-----------------------------|--------------------|
| 108.120 | 002 | Chloride                    | EPA 300.0          |
| 108.120 | 003 | Fluoride                    | EPA 300.0          |
| 108.120 | 008 | Sulfate                     | EPA 300.0          |
| 108.120 | 012 | Nitrate (as N)              | EPA 300.0          |
| 108.120 | 013 | Nitrate-Nitrite (as N)      | EPA 300.0          |
| 108.120 | 014 | Nitrite (as N)              | EPA 300.0          |
| 108.120 | 015 | Phosphate, Ortho (as P)     | EPA 300.0          |
| 108.390 | 001 | Turbidity                   | SM2130B-2001       |
| 108.430 | 001 | Conductivity                | SM2510B-1997       |
| 108.440 | 001 | Residue, Total              | SM2540B-1997       |
| 108.441 | 001 | Residue, Filterable TDS     | SM2540C-1997       |
| 108.442 | 001 | Residue, Non-filterable TSS | SM2540D-1997       |
| 108.443 | 001 | Residue, Settleable         | SM2540F-1997       |
| 108.464 | 001 | Chlorine, Total Residual    | SM4500-CI F-2000   |
| 108.464 | 002 | Chlorine, Free              | SM4500-CI F-2000   |
| 108.490 | 001 | Hydrogen Ion (pH)           | SM4500-H+ B-2000   |
| 108.514 | 001 | Nitrite (as N)              | SM4500-NO2- B-2000 |
| 108.536 | 001 | Oxygen, dissolved           | SM4500-O G-2001    |
| 108.540 | 001 | Phosphate, Ortho (as P)     | SM4500-P E-1999    |
| 108.560 | 001 | Sulfite                     | SM4500-SO3 B-2000  |
| 108.592 | 001 | Biochemical Oxygen Demand   | SM5210B-2001       |
| 108.592 | 002 | Carbonaceous BOD            | SM5210B-2001       |

**Field of Testing: 126 - Microbiology of Recreational Water**

|         |     |                              |                                |
|---------|-----|------------------------------|--------------------------------|
| 126.010 | 001 | Total Coliform (Enumeration) | SM9221B,C-2006                 |
| 126.030 | 001 | Fecal Coliform (Enumeration) | SM9221B,E-2006                 |
| 126.050 | 001 | Total Coliform (Enumeration) | SM9223B (Colilert/Quanti-Tray) |
| 126.050 | 002 | E. coli (Enumeration)        | SM9223B (Colilert/Quanti-Tray) |
| 126.080 | 001 | Enterococci                  | Enterolert                     |