



9399 West Higgins Road Suite 1100
Rosemont, IL 60018

Phone: 847 430 1219
Fax: 847 430 2219

IBWA STANDARD OF QUALITY REPORT

Customer Name: Silver Springs Water Inc. Copacl
Customer Address: 480 Mirror Court , #109
Henderson, NV 89011

Page 1 of 17

Sample Date: 2/11/2022
Sample Description: Premium
Date Reviewed: 3/21/2022

Sample I.D. 2201591
Report Date 3/21/2022

Inorganic Chemicals (IOCs)

| CAS ID# | COMPOUNDS | RESULT | SOQ | MRL | Units | Method |
|------------|-------------------|--------|----------|-------|-------|--------------|
| 7440-36-0 | Antimony | ND | 6.00 | 2.00 | ug/L | 200.8 R5.4 |
| 7440-39-3 | Barium | ND | 1,000.00 | 10.00 | ug/L | 200.7 R4.4 |
| 7940-41-7 | Beryllium | ND | 4.00 | 0.10 | ug/L | 200.8 R5.4 |
| | Bromate (BrO3)*** | ND | 10.00 | 2.50 | ug/L | 300.1 |
| 7440-43-9 | Cadmium (Cd) | ND | 5.00 | 0.10 | ug/L | 200.8 R5.4 |
| | Chloramine | ND | 4.00 | 0.02 | mg/L | 330.5 |
| | Chlorine Dioxide | 0.00 | 0.80 | | mg/L | STND 4500 |
| | Chlorine, Free | 0.01 | 0.10 | | mg/L | 330.5 |
| | Chlorine, Total | 0.01 | 0.10 | | mg/L | 330.5 |
| 7440-47-3 | Chromium | ND | 50.00 | 0.50 | ug/L | 200.8 R5.4 |
| 16984-48-8 | Fluoride | ND | 3.00 | 0.20 | mg/L | 300.0 R2.1 |
| | Free Chlorine | 0.01 | | | mg/L | 330.5 |
| 7439-92-1 | Lead (Pb) | ND | 1.00 | 1.00 | ug/L | 200.8 R5.4 |
| 7439-97-6 | Mercury (Hg) | ND | 1.00 | 0.20 | ug/L | 245.1 Rev. 3 |
| 7440-02-0 | Nickel (Ni) | ND | 100.00 | 10.00 | ug/L | 200.7 R4.4 |
| | Perchlorate | ND | 2.00 | 2.00 | ug/L | 314.0 |
| 7782-49-2 | Selenium (Se) | ND | 10.00 | 2.00 | ug/L | 200.8 R5.4 |
| 7440-28-0 | Thallium (Tl) | ND | 2.00 | 1.00 | ug/L | 200.8 R5.4 |
| 7440-38-2 | Total Arsenic | ND | 10.00 | 1.00 | ug/L | 200.8 R5.4 |
| | Total Chlorine | 0.01 | | | mg/L | 330.5 |

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL

N.M. - Indicates that the compound was not measured.

SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDWR or IBWA.

MRL - Method Reporting Limit.

NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A

State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;
CO-IL100213; MI-9988

Maria Mozdzen
Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT

Secondary Inorganic Parameters

| CAS ID# | COMPOUNDS | RESULT | SOQ | MRL | Units | Method |
|------------|-------------------------|--------|--------|------|-------|------------|
| 7429-90-5 | Aluminum | ND | 200.00 | 2.00 | ug/L | 200.8 R5.4 |
| | Chloride | 2.24 | 250.00 | 0.50 | mg/L | 300.0 R2.1 |
| 7440-50-8 | Copper (Cu) | ND | 1.00 | 0.02 | mg/L | 200.7 R4.4 |
| | Est TDS By Conductivity | 16.40 | 500.00 | | mg/L | |
| 7439-89-6 | Iron (Fe) | ND | | 0.05 | mg/L | 200.7 R4.4 |
| 7439-96-5 | Manganese (Mn) | ND | 0.05 | 0.02 | mg/L | 200.7 R4.4 |
| 7440-22-4 | Silver (Ag) | ND | 25.00 | 0.10 | ug/L | 200.8 R5.4 |
| 14808-79-8 | Sulfate | 2.35 | 250.00 | 0.85 | mg/L | 300.0 R2.1 |
| 7440-66-6 | Zinc (Zn) | ND | 5.00 | 0.05 | mg/L | 200.7 R4.4 |

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL

N.M. - Indicates that the compound was not measured.

SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDWR or IBWA.

MRL - Method Reporting Limit.

NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A

State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;
 CO-IL100213; MI-9988

Maria Mozdzen
 Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT

Additional Regulated Contaminants

| CAS ID# | COMPOUNDS | RESULT | SOQ | MRL | Units | Method |
|-----------|-------------|--------|-------|------|-------|------------|
| 7440-61-1 | Uranium (U) | ND | 30.00 | 2.00 | ug/L | 200.8 R5.4 |

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL

N.M. - Indicates that the compound was not measured.

SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDWR or IBWA.

MRL - Method Reporting Limit.

NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A

State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;
CO-IL100213; MI-9988

Maria Mozden
Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT

Water Properties

| CAS ID# | COMPOUNDS | RESULT | SOQ | MRL | Units | Method |
|---------|---------------------------|--------|------|------|-----------|-------------------|
| | Color | ND | 5.00 | 5.00 | color | SM2120C, 21Ed |
| | Color after Acidification | NM | 5.00 | 5.00 | color | SM2120C,21Ed |
| | Conductivity | 26.10 | | | microS/cm | 120.1 |
| | pH | 6.60 | 8.50 | | | 150.1 |
| | Turbidity | 0.08 | 0.50 | | NTU | 180.1 Rev. 2 1993 |
| | Turbidity Filtered | NM | 0.50 | | NTU | 180.1 Rev. 2 1993 |

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL

N.M. - Indicates that the compound was not measured.

SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDWR or IBWA.

MRL - Method Reporting Limit.

NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A

State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;
 CO-IL100213; MI-9988

Maria Mozdzen
 Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT

| Hardness | | | | | | |
|-----------------|------------------|---------------|------------|------------|--------------|---------------|
| CAS ID# | COMPOUNDS | RESULT | SOQ | MRL | Units | Method |
| 7440-70-2 | Calcium | 0.20 | | 0.10 | mg/L | 200.7 R4.4 |
| | Hardness (CaCO3) | ND | | 0.70 | mg/L | 200.7 R4.4 |
| 7439-95-4 | Magnesium | ND | | 0.10 | mg/L | 200.7 R4.4 |
| 7440-23-5 | Sodium | 4.09 | | 0.10 | mg/L | 200.7 R4.4 |

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL

N.M. - Indicates that the compound was not measured.

SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDWR or IBWA.

MRL - Method Reporting Limit.

NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A

State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;
 CO-IL100213; MI-9988

Maria Mozden
 Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT

| Uncategorized | | | | | | |
|---------------|------------------|---------------------|-----|------|-------|---------------|
| CAS ID# | COMPOUNDS | RESULT | SOQ | MRL | Units | Method |
| | Bicarbonate | 7.40 | | | mg/L | SM2320B, 18Ed |
| | Carbonate | 0.00 | | | mg/L | SM2320B, 18Ed |
| | Contract Lab | See Attached Report | | | | |
| 7440-09-7 | Potassium | 0.91 | | 0.10 | mg/L | 200.7 R4.4 |
| 7631-86-9 | Silica | 0.74 | | 0.05 | mg/L | 200.7 R4.4 |
| 7440-24-6 | Strontium (Sr) | ND | | 0.05 | mg/L | 200.7 R4.4 |
| | Total Alkalinity | 7.40 | | | mg/L | SM2320B, 18Ed |

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL

N.M. - Indicates that the compound was not measured.

SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDWR or IBWA.

MRL - Method Reporting Limit.

NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A

State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;
 CO-IL100213; MI-9988

Maria Mozdzen
 Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT



2201591

Control Number:

ANALYSIS REQUEST FORM
Pace Analytical
Attn: Sample Receiving
8 East Tower Circle
Ormond Beach, FL 32174

IBWA ANNUAL TESTING - FOR CULLIGAN INTERNATIONAL

SAMPLE SUBMITTED BY:

Account Number: 10005233-call for cc
Account Name: Silver Springs

CULLIGAN BWP INFORMATION:

Dealership Location/Name: Silver Springs Water Inc. Copacking for Culligan of Las Vegas, NV
Address: 480 Mirror Court, #109
City:Henderson State: NV Zip: 89011

Phone Number: 702 235 4280
FAX Number: 702 837-9679
E-MAIL: TPS1AB2@CUL.COM
Person Taking Sample: T. Sias
Date Sample Taken: 2-7-2022 Time Sample Taken: 1:pm

SAMPLE INFORMATION (check the appropriate boxes):

ITEM CULLIGAN PREMIUM

Water Supply: Private Municipal
Source: Surface Well Unknown

Condition: Treated Untreated Cloudy
Colored

Water Type: Premium Fluoridated DI Purified
Demineralized Spring RO Distilled
Remineralized Source

For Questions contact Maria Mozdzen at (847) 430-1219

LAB USE ONLY:

Sample received in acceptable condition: Yes No
Received by: BP Pace Date: 2/11/22 Time: 0955
If not, reason: _____
Disposition of sample: _____

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL
N.M. - Indicates that the compound was not measured.
SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDR or IBWA.
MRL - Method Reporting Limit.

NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A
State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;
CO-IL100213; MI-9988

Maria Mozdzen
Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT



Sample Results

Pace Analytical Services, LLC
 8 East Tower Circle
 Ormond Beach, FL 32174
 (386) 672-5668

Client: Culligan International

Client ID: 2201591

Project ID: 2201591

Lab ID: 35697135001

Received 02/15/2022 18:03

Pace Project 35697135

Collected: 02/15/2022 18:03

Matrix: Drinking Water

| Parameters | Report Limit | Results | Units | FDA Limit | Above/Below Limit | IBWA Limit | Above/Below Limit |
|---------------------------------------|--------------|------------------------------|-------|-------------------------------|-------------------|------------|-------------------|
| 504.1 GCS EDB and DBCP | | | | | | | |
| | | Analytical Method: EPA 504.1 | | Preparation Method: EPA 504.1 | | | |
| 1,2-Dibromo-3-chloropropane | 0.0071 | <0.0071 | ug/L | 0.2 | Below | 0.2 | Below |
| 1,2-Dibromoethane (EDB) | 0.0083 | <0.0083 | ug/L | 0.05 | Below | 0.05 | Below |
| 505 GCS PCB-TOX-TCH | | | | | | | |
| | | Analytical Method: EPA 505 | | Preparation Method: EPA 505 | | | |
| Chlordane (Technical) | 0.037 | <0.037 | ug/L | 2 | Below | 2 | Below |
| PCB-1018 (Aroclor 1018) | 0.045 | <0.045 | ug/L | | | | |
| PCB-1221 (Aroclor 1221) | 0.034 | <0.034 | ug/L | | | | |
| PCB-1232 (Aroclor 1232) | 0.046 | <0.046 | ug/L | | | | |
| PCB-1242 (Aroclor 1242) | 0.016 | <0.016 | ug/L | | | | |
| PCB-1246 (Aroclor 1246) | 0.013 | <0.013 | ug/L | | | | |
| PCB-1254 (Aroclor 1254) | 0.038 | <0.038 | ug/L | | | | |
| PCB-1260 (Aroclor 1260) | 0.030 | <0.030 | ug/L | | | | |
| PCB, Total | 0.046 | <0.046 | ug/L | | | | |
| Toxaphene | 0.71 | <0.71 | ug/L | 3 | Below | 3 | Below |
| 515.3 Chlorinated Herbicides | | | | | | | |
| | | Analytical Method: EPA 515.3 | | Preparation Method: EPA 515.3 | | | |
| 2,4-D | 0.096 | <0.096 | ug/L | 70 | Below | 70 | Below |
| Dalapon | 0.49 | <0.49 | ug/L | 200 | Below | 200 | Below |
| Dinoseb | 0.16 | <0.16 | ug/L | 7 | Below | 7 | Below |
| Pentachlorophenol | 0.014 | <0.014 | ug/L | 1 | Below | 1 | Below |
| Picloram | 0.040 | <0.040 | ug/L | 500 | Below | 500 | Below |
| 2,4,5-TP (Silvex) | 0.053 | <0.053 | ug/L | 50 | Below | 10 | Below |
| 525.3 Pesticides Semivolatiles | | | | | | | |
| | | Analytical Method: EPA 525.3 | | Preparation Method: EPA 525.3 | | | |
| Alachlor | 0.029 | <0.029 | ug/L | 2 | Below | 2 | Below |
| Atrazine | 0.015 | <0.015 | ug/L | 3 | Below | 3 | Below |
| Benzo(a)pyrene | 0.019 | <0.019 | ug/L | 0.2 | Below | 0.2 | Below |
| gamma-BHC (Lindane) | 0.0027 | <0.0027 | ug/L | 0.2 | Below | 0.2 | Below |
| Endrin | 0.0023 | <0.0023 | ug/L | 2 | Below | 2 | Below |
| bis(2-Ethylhexyl)adipate | 0.36 | <0.36 | ug/L | 400 | Below | 400 | Below |
| bis(2-Ethylhexyl)phthalate | 0.47 | <0.47 | ug/L | | | 6 | Below |
| Heptachlor | 0.014 | <0.014 | ug/L | 0.4 | Below | 0.4 | Below |
| Heptachlor epoxide | 0.0030 | <0.0030 | ug/L | 0.2 | Below | 0.2 | Below |
| Hexachlorobenzene | 0.015 | <0.015 | ug/L | 1 | Below | 1 | Below |
| Hexachlorocyclopentadiene | 0.024 | <0.024 | ug/L | 50 | Below | 50 | Below |
| Methoxychlor | 0.023 | <0.023 | ug/L | 40 | Below | 40 | Below |
| Simazine | 0.040 | <0.040 | ug/L | 4 | Below | 4 | Below |
| 531.2 HPLC Carbamates | | | | | | | |
| | | Analytical Method: EPA 531.2 | | | | | |
| Aldicarb | 0.36 | <0.36 | ug/L | | | 3 | Below |
| Aldicarb sulfone | 0.58 | <0.58 | ug/L | | | 3 | Below |
| Aldicarb sulfoxide | 0.47 | <0.47 | ug/L | | | 4 | Below |
| Carbofuran | 0.59 | <0.59 | ug/L | | | | |
| Oxamyl | 0.46 | <0.46 | ug/L | 200 | Below | 200 | Below |
| 547 HPLC Glyphosate | | | | | | | |
| | | Analytical Method: EPA 547 | | | | | |
| Glyphosate | 4.2 | <4.2 | ug/L | 700 | Below | 700 | Below |
| 552.3 Haloacetic Acids | | | | | | | |
| | | Analytical Method: EPA 552.3 | | Preparation Method: EPA 552.3 | | | |
| Dibromoacetic Acid | 0.43 | <0.43 | ug/L | | | | |
| Dichloroacetic Acid | 0.24 | <0.24 | ug/L | | | | |
| Haloacetic Acids (Total) | 0.90 | <0.90 | ug/L | 60 | Below | 60 | Below |

03/16/2022 22:30:01

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL
 N.M. - Indicates that the compound was not measured.
 SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDR or IBWA.
 MRL - Method Reporting Limit.

NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A
 State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;
 CO-IL100213; MI-9988

Maria Mozdzen
 Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT



Sample Results

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386) 672-5668

Client: Culligan International

Client ID: 2201591

Project ID: 2201591

Lab ID: 35697135001

Received 02/15/2022 18:03

Pace Project 35697135

Collected: 02/15/2022 18:03

Matrix: Drinking Water

| Parameters | Report Limit | Results | Units | FDA Limit | Above/Below Limit | IBWA Limit | Above/Below Limit |
|------------------------------------|--------------|------------------------------|-------|-------------------------------|-------------------|------------|-------------------|
| 552.3 Haloacetic Acids | | Analytical Method: EPA 562.3 | | Preparation Method: EPA 562.3 | | | |
| Monobromoacetic Acid | 0.29 | <0.29 | ug/L | | | | |
| Monochloroacetic Acid | 0.90 | <0.90 | ug/L | | | | |
| Trichloroacetic Acid | 0.26 | 0.40J | ug/L | | | | |
| 524.2 MSV | | Analytical Method: EPA 624.2 | | | | | |
| Benzene | 0.40 | <0.40 | ug/L | 5 | Below | 1 | Below |
| Bromodichloromethane | 0.37 | 7.8 | ug/L | | | | |
| Bromoform | 0.36 | <0.36 | ug/L | | | | |
| Carbon tetrachloride | 0.28 | <0.28 | ug/L | 5 | Below | 5 | Below |
| Chlorobenzene | 0.26 | <0.26 | ug/L | 100 | Below | 50 | Below |
| Chloroform | 0.44 | 10.4 | ug/L | | | | |
| Dibromochloromethane | 0.47 | 4.1 | ug/L | | | | |
| 1,2-Dichlorobenzene | 0.26 | <0.26 | ug/L | 600 | Below | 600 | Below |
| 1,4-Dichlorobenzene | 0.30 | <0.30 | ug/L | 75 | Below | 75 | Below |
| 1,2-Dichloroethane | 0.30 | <0.30 | ug/L | 5 | Below | 2 | Below |
| 1,1-Dichloroethane | 0.29 | <0.29 | ug/L | 7 | Below | 2 | Below |
| cis-1,2-Dichloroethane | 0.33 | <0.33 | ug/L | 70 | Below | 70 | Below |
| trans-1,2-Dichloroethane | 0.27 | <0.27 | ug/L | 100 | Below | 100 | Below |
| 1,2-Dichloropropane | 0.44 | <0.44 | ug/L | 5 | Below | 5 | Below |
| Ethylbenzene | 0.23 | <0.23 | ug/L | 700 | Below | 700 | Below |
| Methylene Chloride | 0.44 | <0.44 | ug/L | 5 | Below | 3 | Below |
| Methyl-tert-butyl ether | 0.36 | <0.36 | ug/L | | | 70 | Below |
| Naphthalene | 0.48 | <0.48 | ug/L | | | 300 | Below |
| Styrene | 0.20 | <0.20 | ug/L | 100 | Below | 100 | Below |
| 1,1,2,2-Tetrachloroethane | 0.27 | <0.27 | ug/L | | | 1 | Below |
| Tetrachloroethene | 0.26 | <0.26 | ug/L | 5 | Below | 1 | Below |
| Toluene | 0.28 | <0.28 | ug/L | 1000 | Below | 1000 | Below |
| Total Trihalomethanes (Calc.) | 0.47 | 22.3 | ug/L | 80 | Below | 10 | Above |
| 1,2,4-Trichlorobenzene | 0.35 | <0.35 | ug/L | 70 | Below | 9 | Below |
| 1,1,1-Trichloroethane | 0.27 | <0.27 | ug/L | 200 | Below | 30 | Below |
| 1,1,2-Trichloroethane | 0.28 | <0.28 | ug/L | 5 | Below | 3 | Below |
| Trichloroethene | 0.26 | <0.26 | ug/L | 5 | Below | 1 | Below |
| Vinyl chloride | 0.12 | <0.12 | ug/L | 2 | Below | 2 | Below |
| Xylene (Total) | 0.11 | <0.11 | ug/L | 10000 | Below | 1000 | Below |
| 537.1 PFAS Compounds, Water | | Analytical Method: EPA 637.1 | | Preparation Method: EPA 537.1 | | | |
| 11Cl-PF3Quds | 0.0015 | <0.0015 | ug/L | | | | |
| 9Cl-PF3ONS | 0.0011 | <0.0011 | ug/L | | | | |
| ADONA | 0.00087 | <0.00087 | ug/L | | | | |
| HFPO-DA | 0.0015 | <0.0015 | ug/L | | | | |
| NEtFOSAA | 0.00086 | <0.00086 | ug/L | | | 5 | Below |
| NMeFOSAA | 0.0015 | <0.0015 | ug/L | | | 5 | Below |
| Perfluorobutanesulfonic acid | 0.00062 | <0.00062 | ug/L | | | 5 | Below |
| Perfluorodecanoic acid | 0.00090 | <0.00090 | ug/L | | | 5 | Below |
| Perfluorohexanoic acid | 0.0012 | <0.0012 | ug/L | | | 5 | Below |
| Perfluorododecanoic acid | 0.0014 | <0.0014 | ug/L | | | 5 | Below |
| Perfluoroheptanoic acid | 0.00094 | <0.00094 | ug/L | | | 5 | Below |
| Perfluorohexanesulfonic acid | 0.00068 | <0.00068 | ug/L | | | 5 | Below |
| Perfluorononanoic acid | 0.0018 | <0.0018 | ug/L | | | 5 | Below |
| Perfluorooctanesulfonic acid | 0.0011 | <0.0011 | ug/L | | | 5 | Below |
| Perfluorooctanoic acid | 0.00081 | <0.00081 | ug/L | | | 5 | Below |

03/18/2022 22:30:01

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL

N.M. - Indicates that the compound was not measured.

SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDWR or IBWA.

MRL - Method Reporting Limit.

NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A

State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;

CO-IL100213; MI-9988

Maria Mozdzen
Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT



Sample Results

Pace Analytical Services, LLC
 8 East Tower Circle
 Ormond Beach, FL 32174
 (386) 672-5668

Client: Culligan International

Client ID: 2201591

Project ID: 2201591

Lab ID: 35697135001

Received 02/15/2022 18:03

Pace Project 35697135

Collected: 02/15/2022 18:03

Matrix: Drinking Water

| Parameters | Report Limit | Results | Units | FDA Limit | Above/Below Limit | IBWA Limit | Above/Below Limit |
|--------------------------------------|--------------|------------------------------|-------|-------------------------------|-------------------|------------|-------------------|
| 537.1 PFAS Compounds, Water | | Analytical Method: EPA 637.1 | | Preparation Method: EPA 537.1 | | | |
| Perfluorotetradecanoic acid | 0.0017 | <0.0017 | ug/L | | | 5 | Below |
| Perfluorobidecanoic acid | 0.0018 | <0.0018 | ug/L | | | 5 | Below |
| Perfluoroundecanoic acid | 0.0018 | <0.0018 | ug/L | | | 5 | Below |
| Total PFAs | 0.0017 | <0.0017 | ug/L | | | 10 | Below |
| 900.0 Gross Alpha/Beta | | Analytical Method: EPA 900.0 | | | | | |
| Gross Alpha | 1.52 | 1.52U | pCi/L | 15 | Below | 15 | Below |
| Gross Beta | 1.56 | 1.56U | pCi/L | 50 | Below | 50 | Below |
| 903.1 Radium 226 | | Analytical Method: EPA 903.1 | | | | | |
| Radium-226 | 0.515 | 0.515U | pCi/L | | | | |
| 904.0 Radium 228 | | Analytical Method: EPA 904.0 | | | | | |
| Radium-228 | 0.565 | 0.565U | pCi/L | | | | |
| 300.1 Oxihalide IC Anions 14d | | Analytical Method: EPA 300.1 | | | | | |
| Chlorite | 0.25 | <0.25 | ug/L | 1000 | Below | 1000 | Below |
| 335.4 Cyanide, Total | | Analytical Method: EPA 335.4 | | Preparation Method: EPA 335.4 | | | |
| Cyanide | 0.0050 | <0.0050 | mg/L | 0.1 | Below | 0.1 | Below |
| 353.2 Nitrogen, NO2/NO3 | | Analytical Method: EPA 353.2 | | | | | |
| Nitrogen, NO2 plus NO3 | 0.015 | 0.052 | mg/L | 10 | Below | 10 | Below |
| Nitrogen, Nitrate | 0.025 | 0.052 | mg/L | | | | |
| Nitrogen, Nitrite | 0.025 | <0.025 | mg/L | | | | |

03/16/2022 22:30:01

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL
 N.M. - Indicates that the compound was not measured.
 SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDR or IBWA.
 MRL - Method Reporting Limit.

NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A
 State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;
 CO-IL100213; MI-9988

Maria Mozdzen
 Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT



Definitions/Qualifiers

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386) 672-5668

Pace Project 35697135

DEFINITIONS

- DF Dilution Factor
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting
- U Indicates the compound was analyzed for, but not detected.
- MDL Adjusted Method Detection Limit
- PQL Practical Quantitation Limit
- ND Not Detected at or above adjusted reporting limit.

ANALYTE QUALIFIERS

- F5 The recovery of the analyte in the CRDL standard (also known as the reporting limit verification) did not meet the acceptance criteria.

03/18/2022 22:30:01

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL
N.M. - Indicates that the compound was not measured.
SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDR or IBWA.
MRL - Method Reporting Limit.

NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A
State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;
CO-IL100213; MI-9988

Maria Mozden
Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT



Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-1700
Fax: 612-607-6444

Reporting Flags

- A = Reporting Limit based on signal to noise (EDL)
- B = Less than 10x higher than method blank level
- C = Result obtained from confirmation analysis
- D = Result obtained from analysis of diluted sample
- E = Exceeds calibration range
- I = Interference present
- J = Estimated value
- L = Suppressive interference, analyte may be biased low
- Nn = Value obtained from additional analysis
- P = PCDE Interference
- R = Recovery outside target range
- S = Peak saturated
- U = Analyte not detected
- V = Result verified by confirmation analysis
- X = %D Exceeds limits
- Y = Calculated using average of daily RFs
- * = See Discussion

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Report No.10597893_1613DW_DFR

Page 3 of 8

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL

N.M. - Indicates that the compound was not measured.

SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDR or IBWA.

MRL - Method Reporting Limit.

NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A

State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;

CO-IL100213; MI-9988

Maria Mozden
Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT

Client Sample Results

Client: Pace Analytical Services, LLC
Project/Site: 35697135

Job ID: 810-15311-1

Client Sample ID: 35697135001/2201591

Lab Sample ID: 810-15311-1

Date Collected: 02/15/22 18:03

Matrix: Drinking Water

Date Received: 02/17/22 13:30

| Method: 548.1 - Endothall (GC/MS) | | | | | | | | | |
|--|-----------|-----------|----------|------|---|----------------|----------------|---------|--|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac | |
| Endothall | <5.0 | | 5.0 | ug/L | | 02/18/22 08:42 | 02/21/22 19:50 | 1 | |
| Surrogate | | | | | | | | | |
| | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac | |
| 2,4-Dichlorophenoxyacetic acid (Sur) | 123 | | 70 - 130 | | | 02/18/22 08:42 | 02/21/22 19:50 | 1 | |
| Method: 549.2 - Diquat and Paraquat (HPLC) | | | | | | | | | |
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac | |
| Diquat | <0.40 | | 0.40 | ug/L | | 02/22/22 08:16 | 02/25/22 16:17 | 1 | |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Eurofins Eaton South Bend

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL

N.M. - Indicates that the compound was not measured.

SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDR or IBWA.

MRL - Method Reporting Limit.

NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A

State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;

CO-IL100213; MI-9988

Maria Mozdzen
Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT

Definitions/Glossary

Client: Pace Analytical Services, LLC
Project/Site: 35697135

Job ID: 810-15311-1

Qualifiers

HPLC/IC

| Qualifier | Qualifier Description |
|-----------|--|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

Glossary


| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| " | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| REL | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |



Eurofins Eaton South Bend

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL
 N.M. - Indicates that the compound was not measured.
 SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDWR or IBWA.
 MRL - Method Reporting Limit.

IBWA STANDARD OF QUALITY REPORT

 **Eaton Analytical**

Tel: (626) 386-1100
Fax: (626) 888-3757
1 800 565 LABS (1 800 565 5227)

Laboratory Data
Report: 988187
Project: INORGANICS
Group: Phenols

Pace Analytical Services, Inc.
Jeff Baylor
8 East Tower Circle
Ormond Beach, FL 32174

Samples Received on:
02/17/2022 1525

| Prepped | Analyzed | Prep Batch | Analytical Batch | Method | Analyte | Result | Units | MRL | Dilution |
|---|----------|------------|------------------|-------------|------------------------------|-----------------------------------|-------|-----|----------|
| 2201591 (202202170701) | | | | | | Sampled on 02/15/2022 1803 | | | |
| Variable ID: 35997135001 | | | | | | | | | |
| EPA 420.4 - Phenolic Compounds-low level | | | | | | | | | |
| 03/04/22 16:57 | | | 1391566 | (EPA 420.4) | Phenolic Compounds-low level | ND (NE) | ug/L | 1.0 | 1 |

Rounding on totals after summation.
(c) - indicates calculated results. Analysis is a calculated result. Reported results are not rounded until the final step below reporting. Therefore, methods that use a test result with further calculation may have slight differences in final result than the component analysis.

Page 10 of 12 pages

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL

N.M. - Indicates that the compound was not measured.

SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDR or IBWA.

MRL - Method Reporting Limit.

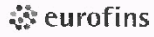
NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A

State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;

CO-IL100213; MI-9988

Maria Mozdzen
Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT



Eaton Analytical

Tel: (626) 386-1100
Fax: (626) 588-3757
1 800 566 LABS (1 800 566 5227)

Laboratory Comments

Report: 988187
Project: INORGANICS
Group: Phenols

Pace Analytical Services, Inc.
Jeff Baylor
8 East Tower Circle
Ormond Beach, FL 32174

Flags Legend:

NE - Results reported for Phenolic Compounds Low Level are obtained using an in-line distillation process, based on EPA Methods 420.2 and 420.4

The Comments Report may be blank if there are no comments for this report.

Page 8 of 12 pages

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL

N.M. - Indicates that the compound was not measured.

SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDR or IBWA.

MRL - Method Reporting Limit.

NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A

State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;
CO-IL100213; MI-9988

Maria Mozden
Analytical Lab Manager