



9399 West Higgins Road Suite 1100
Rosemont, IL 60018

Phone: 847 430 1219
Fax: 847 430 2219

IBWA STANDARD OF QUALITY REPORT

Customer Name: Culligan Santa Maria
Customer Address: 700 West Cook Street
Santa Maria, CA 9358-5514

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Sample Date: 3/21/2022
Sample Description: Purified
Date Reviewed: 4/28/2022

Sample I.D. 2203513
Report Date 4/28/2022

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	0.00	0.10		mg/L	330.5
	Chlorine, Total	0.00	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	0.00			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	0.00			mg/L	330.5

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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; VA-00466

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Analytical Lab Manager

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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	ND	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	3.08	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	ND	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

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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

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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	1.50			microS/cm	120.1
	pH	6.10	8.50			150.1
	Turbidity	0.06	0.50		NTU	180.1 Rev. 2 1993
	Turbidity Filtered	NM	0.50		NTU	180.1 Rev. 2 1993

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Hardness						
CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method
7440-70-2	Calcium	ND		0.10	mg/L	200.7 R4.4
	Hardness (CaCO ₃)	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	0.12		0.10	mg/L	200.7 R4.4

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Uncategorized						
CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method
	Bicarbonate	0.00			mg/L	SM2320B, 18Ed
	Carbonate	0.00			mg/L	SM2320B, 18Ed
	Contract Lab	See Attached Report				
7440-09-7	Potassium	ND		0.10	mg/L	200.7 R4.4
7631-86-9	Silica	2.18		0.05	mg/L	200.7 R4.4
7440-24-6	Strontium (Sr)	ND		0.05	mg/L	200.7 R4.4
	Total Alkalinity	0.00			mg/L	SM2320B, 18Ed

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Control Number:

2203513

8 East Tower Circle
Ormond Beach, FL 32174

IBWA ANNUAL TESTING - FOR CULLIGAN INTERNATIONAL

SAMPLE SUBMITTED BY:

Account Number: 10004991 / 4258
Account Name: Santa Maria, California

CULLIGAN BWP INFORMATION:

Dealership Location/Name: Culligan Santa Maria
Address: 700 West Cook Street
City: Santa Maria State: CA Zip: 93458-5514

Phone Number: 805-922-3585

FAX Number:

E-MAIL:

Person Taking Sample:

Date Sample Taken:

lcp@E.Culligan.com

lcp Delacruz

3/21/22

Bottle water analysis.

Time Sample Taken: 12:30pm

SAMPLE INFORMATION (check the appropriate boxes):

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: NP/Pass Date: 3-25-22 Time: 1421

If not, reason:

Disposition of sample:

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Sample Results

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386) 672-5868

Client: Culligan InternationalClient ID: 2203513Project ID: 2203513Lab ID: 35706359001Received 03/28/2022 13:35Pace Project 35706359Collected: 03/28/2022 13:35Matrix: 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	0.0089	<0.0089	ug/L	0.2	Below	0.2	Below
1,2-Dibromoethane (EDB)	0.0081	<0.0081	ug/L	0.05	Below	0.05	Below
505 GCS PCB-TOX-TCH							
Analytical Method: EPA 505		Preparation Method: EPA 505					
Chlordane (Technical)	0.038	<0.038	ug/L	2	Below	2	Below
PCB-1016 (Aroclor 1016)	0.047	<0.047	ug/L				
PCB-1221 (Aroclor 1221)	0.035	<0.035	ug/L				
PCB-1232 (Aroclor 1232)	0.048	<0.048	ug/L				
PCB-1242 (Aroclor 1242)	0.018	<0.018	ug/L				
PCB-1248 (Aroclor 1248)	0.013	<0.013	ug/L				
PCB-1254 (Aroclor 1254)	0.039	<0.039	ug/L				
PCB-1260 (Aroclor 1260)	0.032	<0.032	ug/L				
PCB, Total	0.048	<0.048	ug/L	0.5	Below	0.5	Below
Toxaphene	0.75	<0.75	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	0.030	<0.030	ug/L	2	Below	2	Below
Atrazine	0.015	<0.015	ug/L	3	Below	3	Below
Benzo(a)pyrene	0.020	<0.020	ug/L	0.2	Below	0.2	Below
gamma-BHC (Lindane)	0.0028	<0.0028	ug/L	0.2	Below	0.2	Below
Endrin	0.0024	<0.0024	ug/L	2	Below	2	Below
bis(2-Ethylhexyl)adipate	0.37	<0.37	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	0.0031	<0.0031	ug/L	0.2	Below	0.2	Below
Hexachlorobenzene	0.015	<0.015	ug/L	1	Below	1	Below
Hexachlorocyclopentadiene	0.025	<0.025	ug/L	50	Below	50	Below
Methoxychlor	0.024	<0.024	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	0.35	<0.35	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
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
Monobromoacetic Acid	0.29	<0.29	ug/L				
Monochloroacetic Acid	0.90	<0.90	ug/L				

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Sample Results

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Parameters	Report Limit	Results	Units	FDA Limit	Above/Below Limit	IBWA Limit	Above/Below Limit
552.3 Haloacetic Acids							
Analytical Method: EPA 552.3		Preparation Method: EPA 552.3					
Trichloroacetic Acid	0.26	<0.26	ug/L				
8270 MSSV Semivolatile							
Analytical Method: EPA 8270		Preparation Method: EPA 3610					
Phenol	0.60	<0.60	ug/L				
524.2 MSV							
Analytical Method: EPA 524.2							
Benzene	0.40	<0.40	ug/L	5	Below	1	Below
Bromodichloromethane	0.37	2.4	ug/L				
Bromoform	0.35	<0.35	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	2.2	ug/L				
Dibromochloromethane	0.47	1.2	ug/L				
1,2-Dichlorobenzene	0.26	<0.26	ug/L	800	Below	800	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-Dichloroethene	0.29	<0.29	ug/L	7	Below	2	Below
cis-1,2-Dichloroethene	0.33	<0.33	ug/L	70	Below	70	Below
trans-1,2-Dichloroethene	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	5.8	ug/L	80	Below	10	Below
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 537.1		Preparation Method: EPA 537.1					
11Cl-PF3OIdS	0.0014	<0.0014	ug/L				
9Cl-PF3ONS	0.0010	<0.0010	ug/L				
ADONA	0.00066	<0.00066	ug/L				
HFPO-DA	0.0015	<0.0015	ug/L				
NEtFOSAA	0.00085	<0.00085	ug/L			5	Below
NMeFOSAA	0.0014	<0.0014	ug/L			5	Below
Perfluorobutanesulfonic acid	0.00061	<0.00061	ug/L			5	Below
Perfluorodecanoic acid	0.00088	<0.00088	ug/L			5	Below
Perfluorohexanoic acid	0.0012	<0.0012	ug/L			5	Below
Perfluorododecanoic acid	0.0013	<0.0013	ug/L			5	Below
Perfluorooheptanoic acid	0.00082	<0.00082	ug/L			5	Below
Perfluorohexanesulfonic acid	0.00067	<0.00067	ug/L			5	Below
Perfluorononanoic acid	0.0018	<0.0018	ug/L			5	Below
Perfluorooctanesulfonic acid	0.0011	<0.0011	ug/L			5	Below

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(386) 672-5668

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Client ID: 2203513

Project ID: 2203513

Lab ID: 35706359001

Received 03/28/2022 13:35

Pace Project 35706359

Collected: 03/28/2022 13:35

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 537.1				Preparation Method: EPA 537.1			
Perfluorooctanoic acid	0.00080	<0.00080	ug/L			5	Below
Perfluorotetradecanoic acid	0.0017	<0.0017	ug/L			5	Below
Perfluorotridecanoic acid	0.0016	<0.0016	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	1.42	1.42U	pCi/L	15	Below	15	Below
Gross Beta	1.61	1.61U	pCi/L	50	Below	50	Below
903.1 Radium 226							
Analytical Method: EPA 903.1							
Radium-226	0.120	0.120U	pCi/L				
904.0 Radium 228							
Analytical Method: EPA 904.0							
Radium-228	0.848	0.848U	pCi/L				
300.1 Oxidant 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	<0.015	mg/L	10	Below	10	Below
Nitrogen, Nitrate	0.025	<0.025	mg/L				
Nitrogen, Nitrite	0.025	<0.025	mg/L				

04/27/2022 18:45:01

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Definitions/Qualifiers

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386) 672-5868

Pace Project 35706359

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

- 1p A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
C0 Result confirmed by second analysis.
CU The continuing calibration for this analyte is above laboratory acceptance limits. Analyte was not detected above the reporting limit in any of the associated samples.
F5 The recovery of the analyte in the CRDL standard (also known as the reporting limit verification) did not meet the acceptance criteria.
L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

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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; VA-00466

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