



9399 W Higgins Rd Suite 1100  
Rosemont, IL 60018

Phone: 877-889-8195  
Web: www.culligan.com

## IBWA STANDARD OF QUALITY REPORT

Customer Name: Culligan Santa Maria  
Customer Address: 700 W Cook St  
Santa Maria, CA 93458

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Sample Date: 2/5/2025  
Sample Description: Purified  
Date Reviewed: 3/10/2025

Sample I.D. 2501662  
Report Date 3/10/2025

### 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	0.02	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	1.00	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)	2.00	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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MRL - Method Reporting Limit.

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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;  
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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	ND	250.00	0.50	mg/L	300.0
7440-50-8	Copper (Cu)	ND	1.00	0.02	mg/L	200.7 R4.4
	Est TDS By Conductivity	4.09	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	0.50	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	2.00			microS/cm	120.1
	pH	6.30	8.50			150.1
	Turbidity	0.28	0.50		NTU	180.1 Rev. 2 1993
	Turbidity Filtered	NA	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 (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	ND		0.10	mg/L	200.7 R4.4

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Uncategorized						
CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method
	Bicarbonate	0.54			mg/L	SM2320B, 21st ED
	Carbonate	0.00			mg/L	SM2320B, 21st ED
	Contract Lab	See Attached Report				
7440-09-7	Potassium	ND		0.10	mg/L	200.7 R4.4
7631-86-9	Silica	2.89		0.05	mg/L	200.7 R4.4
7440-24-6	Strontium (Sr)	ND		0.05	mg/L	200.7 R4.4
	Total Alkalinity to pH 4.5	0.54			mg/L	SM2320B, 21st ED

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## IBWA STANDARD OF QUALITY REPORT

 <b>2501662</b>	
Attn: Sample receiving 8 East Tower Circle Ormond Beach, FL 32174	
<b>IBWA ANNUAL TESTING – FOR CULLIGAN INTERNATIONAL</b>	
SAMPLE SUBMITTED BY: <u>Culligan Santa Maria</u>	
Account Number:	<u>04258</u> <i>10504991</i>
Account Name:	<u>Culligan Santa Maria</u>
CULLIGAN BWP INFORMATION:	
Dealership Location/Name:	<u>Culligan Santa Maria</u>
Address:	<u>700 W cook st</u>
City:	<u>Santa Maria</u> State: <u>CA</u> Zip: <u>93458</u>
Phone Number:	<u>805-922-3585</u>
FAX Number:	<u>805-922-9912</u>
E-MAIL:	<u>justin@aculligan.com</u>
Person Taking Sample:	<u>Leo Delgado</u>
Date Sample Taken:	<u>2/05/2025</u> Time Sample Taken: <u>8:34 am</u>
SAMPLE INFORMATION (check the appropriate boxes):	
Water Supply:	Private <input type="checkbox"/> <u>Municipal</u> <input checked="" type="checkbox"/>
Source:	Surface <input type="checkbox"/> Well <input type="checkbox"/> Unknown <input type="checkbox"/>
Condition:	<u>Treated</u> <input checked="" type="checkbox"/> Untreated <input type="checkbox"/>
Water Type:	Premium <input type="checkbox"/> Fluoridated <input type="checkbox"/> DI <input type="checkbox"/> <u>Purified</u> <input checked="" type="checkbox"/>
	Demineralized <input type="checkbox"/> Spring <input type="checkbox"/> RO <input type="checkbox"/> Distilled <input type="checkbox"/>
	Remineralized <input type="checkbox"/> Source <input type="checkbox"/>
Optional Testing:	USP23 <input type="checkbox"/> Optional Testing for NY and PA only (YES) <input type="checkbox"/>
For Questions contact Marla Mozden at (847) 430-1219	
LAB USE ONLY:	
Sample received in acceptable condition:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received by:	<u>Egan</u> Date: <u>2/11/25</u> Time: <u>1610</u>
If not, reason:	
Disposition of sample:	

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## IBWA STANDARD OF QUALITY REPORT

Sample Results							Pace Analytical Services, LLC 8 East Tower Circle Ormond Beach, FL 32174 (386) 672-5668	
Client: <u>Culligan International</u>							Project ID: <u>2501662</u>	
Lab ID: <u>35936678001</u> Received: <u>02/13/2025 10:22</u> Pace Project: <u>35936676</u>							Matrix: <u>Drinking Water</u>	
Collected: <u>02/13/2025 10:21</u>								
Parameters	Report Limit	Results	Units	FDA Limit	Above/Below Limit	IBWA Limit	Above/Below Limit	
<b>504.1 GCS EDB and DBCP</b>								
1,2-Dibromo-3-chloropropane	Analytical Method: EPA 504.1 0.0056	<0.0056	ug/L	Preparation Method: EPA 504.1 0.2	Below	0.2	Below	
1,2-Dibromoethane (EDB)	0.0077	<0.0077	ug/L	0.05	Below	0.05	Below	
<b>505 GCS PCB-TOX-TCH</b>								
Chlordane (Technical)	Analytical Method: EPA 505 0.036	<0.036	ug/L	Preparation Method: EPA 505 2	Below	0.5	Below	
PCB-1016 (Aroclor 1016)	0.044	<0.044	ug/L					
PCB-1221 (Aroclor 1221)	0.040	<0.040	ug/L					
PCB-1232 (Aroclor 1232)	0.045	<0.045	ug/L					
PCB-1242 (Aroclor 1242)	0.031	<0.031	ug/L					
PCB-1248 (Aroclor 1248)	0.025	<0.025	ug/L					
PCB-1254 (Aroclor 1254)	0.037	<0.037	ug/L					
PCB-1260 (Aroclor 1260)	0.029	<0.029	ug/L					
PCB, Total	0.045	<0.045	ug/L	0.5	Below	0.5	Below	
Toxaphene	0.27	<0.27	ug/L	3	Below	3	Below	
<b>515.3 Chlorinated Herbicides</b>								
2,4-D	Analytical Method: EPA 515.3 0.096	<0.096	ug/L	Preparation Method: EPA 515.3 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)	0.059	<0.059	ug/L	50	Below	10	Below	
<b>525.3 Pesticides Semivolatiles</b>								
Alachlor	Analytical Method: EPA 525.3 0.029	<0.029	ug/L	Preparation Method: EPA 525.3 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)	0.0027	<0.0027	ug/L	0.2	Below	0.2	Below	
Endrin	0.0051	<0.0051	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	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	0.025	<0.025	ug/L	50	Below	50	Below	
Methoxychlor	0.055	<0.055	ug/L	40	Below	40	Below	
Simazine	0.040	<0.040	ug/L	4	Below	4	Below	
<b>531.2 HPLC Carbamates</b>								
Aldicarb	Analytical Method: EPA 531.2 0.38	<0.38	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	40	Below	40	Below	
Oxamyl	0.46	<0.46	ug/L	200	Below	200	Below	
<b>547 HPLC Glyphosate</b>								
Glyphosate	Analytical Method: EPA 547 4.2	<4.2	ug/L	700	Below	700	Below	
<b>549.2 HPLC Paraquat Diquat</b>								
Diquat	Analytical Method: EPA 549.2 0.16	<0.16	ug/L	Preparation Method: EPA 549.2 20	Below	20	Below	
<b>552.3 Haloacetic Acids</b>								
	Analytical Method: EPA 552.3			Preparation Method: EPA 552.3				

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Collected: <u>02/13/2025 10:21</u>							
Parameters	Report Limit	Results	Units	FDA Limit	Above/Below Limit	IBWA Limit	Above/Below Limit
<b>552.3 Haloacetic Acids</b>				Analytical Method: EPA 562.3 Preparation Method: EPA 562.3			
Dibromoacetic Acid	0.43	<0.43	ug/L				
Dichloroacetic Acid	0.39	<0.39	ug/L				
Haloacetic Acids (Total)	0.90	<0.90	ug/L	60	Below	60	Below
Monobromoacetic Acid	0.46	<0.46	ug/L				
Monochloroacetic Acid	0.90	<0.90	ug/L				
Trichloroacetic Acid	0.40	<0.40	ug/L				
<b>9270 MSV Semivolatile Phenol</b>				Analytical Method: EPA 8270 Preparation Method: EPA 3510			
Phenol	0.054	<0.054	ug/L	1	Below	1	Below
<b>524.2 MSV</b>				Analytical Method: EPA 524.2			
Benzene	0.40	<0.40	ug/L	5	Below	1	Below
Bromodichloromethane	0.50	2.2	ug/L				
Bromoform	0.48	<0.48	ug/L				
Carbon tetrachloride	0.36	<0.36	ug/L	5	Below	2	Below
Chlorobenzene	0.31	<0.31	ug/L	100	Below	50	Below
Chloroform	0.75	1.9	ug/L				
Dibromochloromethane	0.47	<0.47	ug/L				
1,2-Dichlorobenzene	0.40	<0.40	ug/L	600	Below	600	Below
1,3-Dichlorobenzene	0.29	<0.29	ug/L				
1,4-Dichlorobenzene	0.33	<0.33	ug/L	75	Below	75	Below
1,1-Dichloroethane	0.71	<0.71	ug/L				
1,2-Dichloroethane	0.30	<0.30	ug/L	5	Below	2	Below
1,1-Dichloroethene	0.37	<0.37	ug/L	7	Below	2	Below
cis-1,2-Dichloroethene	0.33	<0.33	ug/L	70	Below	70	Below
trans-1,2-Dichloroethene	0.33	<0.33	ug/L	100	Below	100	Below
1,2-Dichloropropane	0.44	<0.44	ug/L	5	Below	5	Below
Ethylbenzene	0.37	<0.37	ug/L	700	Below	700	Below
Methylene Chloride	0.46	<0.46	ug/L	5	Below	3	Below
Methyl-tert-butyl ether	0.36	<0.36	ug/L				
Naphthalene	0.48	<0.48	ug/L				
Styrene	0.27	<0.27	ug/L	100	Below	100	Below
1,1,2,2-tetrachloroethane	0.41	<0.41	ug/L				
Tetrachloroethene	0.41	<0.41	ug/L	5	Below	1	Below
Toluene	0.28	<0.28	ug/L	1000	Below	1000	Below
Total Trihalomethanes (Calc.)	0.75	4.2	ug/L	80	Below	10	Below
1,2,4-Trichlorobenzene	0.35	<0.35	ug/L	70	Below	9	Below
1,1,1-Trichloroethane	0.29	<0.29	ug/L	200	Below	30	Below
1,1,2-Trichloroethane	0.34	<0.34	ug/L	5	Below	3	Below
Trichloroethene	0.26	<0.26	ug/L	5	Below	1	Below
Vinyl chloride	0.41	<0.41	ug/L	2	Below	2	Below
Xylene (Total)	0.42	<0.42	ug/L	10000	Below	1000	Below
<b>537.1 PFAS Compounds, Water</b>				Analytical Method: EPA 537.1 Preparation Method: EPA 537.1			
11C1PF3OxS	0.0016	<0.0016	ug/L			0.005	Below
9C1PF3ON'S	0.0012	<0.0012	ug/L			0.005	Below
ADONA	0.00075	<0.00075	ug/L			0.005	Below
HFPO-DA	0.0017	<0.0017	ug/L			0.005	Below
NEFOSAA	0.00096	<0.00096	ug/L			0.005	Below
NMeFOSAA	0.0016	<0.0016	ug/L			0.005	Below
Perfluorobutanesulfonic acid (PFBS)	0.00069	<0.00069	ug/L			0.005	Below

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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			
Perfluorodecanoic acid (PFDA)	0.0010	<0.0010	ug/L			0.005	Below
Perfluorohexanoic acid (PFHxA)	0.0013	<0.0013	ug/L			0.005	Below
Perfluorodecanoic acid (PFDoA)	0.0015	<0.0015	ug/L			0.005	Below
Perfluoroheptanoic acid (PFHpA)	0.0010	<0.0010	ug/L			0.005	Below
Perfluorohexanesulfonic acid (PFHxS)	0.00076	<0.00076	ug/L			0.005	Below
Perfluorononanoic acid (PFNA)	0.0020	<0.0020	ug/L			0.005	Below
Perfluorooctanesulfonic acid (PFOS)	0.0012	<0.0012	ug/L			0.005	Below
Perfluorooctanoic acid (PFOA)	0.00090	<0.00090	ug/L			0.005	Below
Perfluorotetradecanoic acid (PFTeDA)	0.0019	<0.0019	ug/L			0.005	Below
Perfluorotridecanoic acid (PFTriDA)	0.0018	<0.0018	ug/L			0.005	Below
Perfluoroundecanoic acid (PFUnA)	0.0020	<0.0020	ug/L			0.005	Below
Total PFAS	0.0019	<0.0019	ug/L			0.01	Below
900.0 Gross Alpha/Beta							
Analytical Method: EPA 900.0							
Gross Alpha	1.95	1.96U	pCi/L	15	Below	15	Below
Gross Beta	1.85	1.65U	pCi/L	50	Below	50	Below
903.1 Radium 226, DW							
Analytical Method: EPA 903.1							
Radium-226	0.956	0.956U	pCi/L	5	Below	5	Below
904.0 Radium 228, DW							
Analytical Method: EPA 904.0							
Radium-228	0.777	0.777U	pCi/L	5	Below	5	Below
300.1 Oxidant IC Anions 14d							
Analytical Method: EPA 300.1							
Chlorite	0.56	<0.56	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	0.2	Below	0.2	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	10	Below	10	Below
Nitrogen, Nitrite	0.025	<0.025	mg/L	1	Below	1	Below

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

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MRL - Method Reporting Limit.

NA=Not Analyzed ND=Not Detected \*=non-TNI accredited \*\*=IL-IDPH accredited \*\*\*= MT accredited


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

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 35936676		
<b>DEFINITIONS</b>		
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.	
<b>ANALYTE QUALIFIERS</b>		
1p	The recovery of the analyte in the CRDL standard (also known as the reporting limit verification) exceeded the acceptance criteria. Analyte results below the reporting limits are not affected by high bias.	

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Maria Mozdzen  
Analytical Lab Manager

## IBWA STANDARD OF QUALITY REPORT

Pace Analytical Services, LLC  
1700 Elm Street  
Minneapolis, MN 55414Tel: 12-607-1700  
Fax: 12-607-6444Drinking Water Analysis Results  
2,3,7,8-TCDD – USEPA Method 1613BSample ID.....2501662  
Client.....PASI Florida  
Lab Sample ID.....35936676001Date Collected.....02/13/2025  
Date Received.....02/14/2025  
Date Extracted.....02/19/2025

	Sample 2501662	Method Blank	Lab Spike	Lab Spike Dup
[2,3,7,8-TCDD]	ND	ND	--	--
EDL	1.6 pg/L	1.2 pg/L	--	--
2,3,7,8-TCDD Recovery	--	--	104%	108%
Spike Recovery Limit	--	--	73-146%	73-146%
RPD	3.7%			
IS Recovery	58%	62%	75%	72%
IS Recovery Limits	31-137%	31-137%	25-141%	25-141%
CS Recovery	76%	67%	81%	84%
CS Recovery Limits	42-164%	42-164%	37-158%	37-158%
Filename	E250222A_22	E250221B_06	E250221B_04	E250221B_05
Analysis Date	02/22/2025	02/21/2025	02/21/2025	02/21/2025
Analysis Time	13:08	17:48	16:45	17:17
Analyst	JF	JF	JF	JF
Volume	0.958L	1.007L	1.017L	0.996L
Dilution	NA	NA	NA	NA
ICAL Date	02/07/2025	02/07/2025	02/07/2025	02/07/2025
CCAL Filename	E250222A_02	E250221B_03	E250221B_03	E250221B_03

I = Outside the Control Limits  
ND = Not Detected  
EDL = Estimated Detection Limit  
Limits = Control Limits from Method 1613 (10/94 Revision), Tables 6A and 7A  
RPD = Relative Percent Difference of Lab Spike Recoveries  
IS = Internal Standard [2,3,7,8-TCDD-<sup>13</sup>C<sub>12</sub>]  
CS = Cleanup Standard [2,3,7,8-TCDD-<sup>37</sup>Cl<sub>2</sub>]

Analyst: 

Project No.....10723769

Report No.....10723769\_1613DW\_L2\_dfr

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Maria Mozden

Analytical Lab Manager

## IBWA STANDARD OF QUALITY REPORT



Pace Analytical Services, LLC  
1700 Elm Street, Suite 200  
Minneapolis, MN 55414  
Phone: 612.607.1700  
Fax: 612.607.6444  
www.pacelabs.com

### 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
- H2 = Extracted outside of holding time
- I = Isotope ratio out of specification
- 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

### REPORT OF LABORATORY ANALYSIS

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Report No. ....10723769 1613DW\_L2\_dfr

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