

Analysis Method: SM4500-CL C

ANALYST: AMANDEEP

Parameter: Dissolved Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB86009

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP53143
Indicator-acidifier reagent - Chloride	WP52816
MERCURIC NITRATE, 0.0141 N 4L	W2051

Seq	Lab ID	True Value (mg/L)	Dilution	Sample Volume (ml)	Titrant Initial (ml)	Titrant Final (ml)	Titrant Diff. (ml)	Result (mg/L)	Anal Date	Anal Time
1	LB86009BL		1	50	0.00	0.08	0.08	0.00	02/24/2017	13:38
2	LB86009BS	100	1	10	0.08	2.20	2.12	101.97	02/24/2017	13:44
3	I1933-14		1	5	2.20	3.58	1.38	129.96	02/24/2017	13:49
4	I1933-14DUP		1	5	3.58	4.98	1.40	131.96	02/24/2017	13:56
5	I1933-14MS	100	1	5	4.98	7.22	2.24	215.93	02/24/2017	13:58
6	I1933-14MSD	100	1	5	7.22	9.48	2.26	217.93	02/24/2017	14:00
7	I1933-15		1	1	0.00	3.58	3.58	1749.46	02/24/2017	14:03
8	I1933-16		1	50	3.58	5.34	1.76	16.79	02/24/2017	14:10
9	I1933-17		1	1	5.34	6.20	0.86	389.88	02/24/2017	14:12
10	I1933-18		1	10	6.20	7.50	1.30	60.98	02/24/2017	14:15
11	I1933-19		1	5	0.00	1.26	1.26	117.96	02/24/2017	14:17
12	I1933-20		1	5	1.26	2.48	1.22	113.96	02/24/2017	14:21
13	I1933-21		1	10	2.48	4.00	1.52	71.98	02/24/2017	14:25
14	I1933-22		1	50	4.00	4.08	0.08	0.00	02/24/2017	14:28
15	I1933-23		1	1	4.08	5.36	1.28	599.81	02/24/2017	14:33
16	I1933-24		1	50	5.38	6.14	0.76	6.80	02/24/2017	14:35
17	I1933-34		1	50	0.00	1.08	1.08	10.00	02/24/2017	14:38
18	I1933-35		1	50	1.12	1.20	0.08	0.00	02/24/2017	14:41
19	I1933-36		1	5	1.22	2.80	1.58	149.95	02/24/2017	14:43
20	I1933-37		1	5	2.80	4.00	1.20	111.97	02/24/2017	14:47
21	I1933-38		1	10	4.00	9.38	5.38	264.92	02/24/2017	14:50
22	I1933-39		1	10	0.00	0.90	0.90	40.99	02/24/2017	14:53
23	I1933-40		1	10	0.90	1.80	0.90	40.99	02/24/2017	14:57
24	I1933-41		1	5	1.80	3.60	1.80	171.95	02/24/2017	15:00
25	I1934-08		1	5	3.60	4.60	1.00	91.97	02/24/2017	15:03
26	I1934-08DUP		1	5	4.62	5.62	1.00	91.97	02/24/2017	15:07
27	I1934-08MS	100	1	5	5.62	7.64	2.02	193.94	02/24/2017	15:09
28	I1934-08MSD	100	1	5	7.64	9.60	1.96	187.94	02/24/2017	15:11
29	I1934-09		1	5	0.00	2.70	2.70	261.92	02/24/2017	15:15
30	I1934-10		1	5	2.70	5.40	2.70	261.92	02/24/2017	15:17
31	I1934-11		1	5	5.40	8.00	2.60	251.92	02/24/2017	15:20

Titrant Diff = TitrantFinal - TitrantInitial

Result = (Titrant Diff - Row Blank Value * Normality)) * Constant /

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MERCURIC NITRATE, 0.0141 N 4L	W2051

Seq	Lab ID	True Value (mg/L)	Dilution	Sample Volume (ml)	Titrant Initial (ml)	Titrant Final (ml)	Titrant Diff. (ml)	Result (mg/L)	Anal Date	Anal Time
32	I1934-12		1	5	0.40	2.72	2.32	223.93	02/24/2017	15:24

Titrant Diff = TitrantFinal - TitrantInitial

Result = (Titrant Diff - Row Blank Value * Normality)) * Constant /

WORKLIST(Hardcopy Internal Chain)

WorkList Name : DCL022317

WorkList ID : 95878

Date : 2/23/2017 8:52:20 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I1933-14	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW9-052-1	02/21/2017	SM4500-CL C
	Water	I1933-15	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW1-052-1	02/21/2017	SM4500-CL C
	Water	I1933-16	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW6-052-1	02/21/2017	SM4500-CL C
	Water	I1933-17	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MWP4-052-1	02/21/2017	SM4500-CL C
	Water	I1933-18	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MWP2-052-1	02/21/2017	SM4500-CL C
	Water	I1933-19	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW8M-052-1	02/21/2017	SM4500-CL C
	Water	I1933-41	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW10D-052-1	02/22/2017	SM4500-CL C
	Water	I1934-08	Dissolved Chloride	Cool 4 deg C	WEST04	I23	I01I-052-1	02/21/2017	SM4500-CL C
	Water	I1934-09	Dissolved Chloride	Cool 4 deg C	WEST04	I23	I03I-052-1	02/21/2017	SM4500-CL C
	Water	I1934-10	Dissolved Chloride	Cool 4 deg C	WEST04	I23	I04I-052-1	02/21/2017	SM4500-CL C
	Water	I1934-11	Dissolved Chloride	Cool 4 deg C	WEST04	I23	I05I-052-1	02/21/2017	SM4500-CL C
	Water	I1934-12	Dissolved Chloride	Cool 4 deg C	WEST04	I23	I06I-052-1	02/21/2017	SM4500-CL C
	Water	I1933-35	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW2S-052-3	02/22/2017	SM4500-CL C
	Water	I1933-36	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW11M-052-1	02/22/2017	SM4500-CL C
	Water	I1933-37	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW11D-052-1	02/22/2017	SM4500-CL C
	Water	I1933-38	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW2S-052-1	02/22/2017	SM4500-CL C
	Water	I1933-39	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW10M-052-1	02/22/2017	SM4500-CL C
	Water	I1933-40	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW10M-052-2	02/22/2017	SM4500-CL C
	Water	I1933-20	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW8M-052-2	02/21/2017	SM4500-CL C
	Water	I1933-21	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW8D-052-1	02/21/2017	SM4500-CL C
	Water	I1933-22	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW4D-052-3	02/21/2017	SM4500-CL C

Date/Time

2-24-17 13:15

Received by:

AK

Relinquished by:

Date/Time

2-24-17 15:45

Received by:

AK

Relinquished by:

AK

WORKLIST(Hardcopy Internal Chain)

WorkList Name : DCL022317

WorkList ID : 95878

Date : 2/23/2017 8:52:20 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I1933-23	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW4S-052-1	02/21/2017	SM4500-CL C
	Water	I1933-24	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW4D-052-1	02/21/2017	SM4500-CL C
	Water	I1933-34	Dissolved Chloride	Cool 4 deg C	WEST04	I33	MW4M-052-1	02/22/2017	SM4500-CL C

Date/Time 2-24-17 13:05
 Received by: AK
 Relinquished by: AK

Date/Time 2-24-17 15:45
 Received by: AK
 Relinquished by: AK