

Analysis Method: SM4500-CL C

ANALYST: Alexander

Parameter: Dissolved Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB109296

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP84451
Indicator-acidifier reagent - Chloride	WP84417
MERCURIC NITRATE, 0.0141 N 4L	W2582
Chloride Blank	WP82416

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	LB109296BL		1	50	0.00	0.10	0.10	0.00	05/23/2020	10:58
2	LB109296BS	100	1	10	0.10	2.12	2.02	95.97	05/23/2020	11:02
3	L2729-12		1	5	0.00	1.20	1.20	109.97	05/23/2020	11:05
4	L2729-13		1	1	1.20	3.42	2.22	1059.67	05/23/2020	11:08
5	L2729-14		1	5	3.42	5.30	1.88	177.94	05/23/2020	11:10
6	L2729-15		1	5	0.00	1.38	1.38	127.96	05/23/2020	11:12
7	L2729-16		1	50	1.38	1.50	0.12	0.20	05/23/2020	11:14
8	L2729-17		1	1	1.50	2.64	1.14	519.84	05/23/2020	11:17
9	L2729-18		1	50	2.82	4.08	1.26	11.60	05/23/2020	11:19
10	L2729-19		1	10	4.08	5.62	1.54	71.98	05/23/2020	11:21
11	L2729-19DUP		1	10	5.62	7.12	1.50	69.98	05/23/2020	11:23
12	L2729-19MS	100	1	10	0.00	3.42	3.42	165.95	05/23/2020	11:26
13	L2729-19MSD	100	1	10	3.42	6.80	3.38	163.95	05/23/2020	11:29
14	L2729-20		1	5	0.00	2.00	2.00	189.94	05/23/2020	11:32
15	L2729-21		1	10	2.00	2.94	0.94	41.99	05/23/2020	11:35
16	L2729-22		1	10	2.94	3.88	0.94	41.99	05/23/2020	11:38

Titrant Diff = TitrantFinal - TitrantInitial

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