

Analysis Method: SM4500-CL C

ANALYST: Alexander

Parameter: Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB109295

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	LB109295BL		1	50	0.00	0.10	0.10	0.00	05/23/2020	10:02
2	LB109295BS	100	1	10	0.14	2.32	2.18	103.97	05/23/2020	10:05
3	L2729-01		1	5	2.32	3.60	1.28	117.96	05/23/2020	10:07
4	L2729-02		1	1	0.00	2.30	2.30	1099.66	05/23/2020	10:11
5	L2729-03		1	5	2.30	4.20	1.90	179.94	05/23/2020	10:14
6	L2729-04		1	5	4.20	5.62	1.42	131.96	05/23/2020	10:18
7	L2729-05		1	50	0.00	0.12	0.12	0.20	05/23/2020	10:20
8	L2729-06		1	1	0.12	1.26	1.14	519.84	05/23/2020	10:22
9	L2729-07		1	50	1.26	2.70	1.44	13.40	05/23/2020	10:24
10	L2729-08		1	10	2.70	4.26	1.56	72.98	05/23/2020	10:27
11	L2729-08DUP		1	10	4.26	5.76	1.50	69.98	05/23/2020	10:29
12	L2729-08MS	100	1	10	0.00	3.46	3.46	167.95	05/23/2020	10:32
13	L2729-08MSD	100	1	10	3.46	6.94	3.48	168.95	05/23/2020	10:36
14	L2729-09		1	5	0.00	2.08	2.08	197.94	05/23/2020	10:40
15	L2729-10		1	10	2.08	3.02	0.94	41.99	05/23/2020	10:44
16	L2729-11		1	10	3.02	4.00	0.98	43.99	05/23/2020	10:48

Titrant Diff = TitrantFinal - TitrantInitial

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