

Analysis Method: SM4500-CL C

ANALYST: AMANDEEP

Parameter: Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB102883

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP74855
Indicator-acidifier reagent - Chloride	WP74127
MERCURIC NITRATE, 0.0141 N 4L	W2051
Chloride Blank	WP71697

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	LB102883BL		1	50	0.00	0.10	0.10	0.00	05/21/2019	08:20
2	LB102883BS	100	1	10	0.10	2.36	2.26	107.97	05/21/2019	08:21
3	K2932-01		1	50	1.22	2.34	1.12	10.20	05/21/2019	08:21
4	K2932-02		1	50	2.34	4.10	1.76	16.59	05/21/2019	08:22
5	K2932-03		1	50	4.10	4.40	0.30	2.00	05/21/2019	08:23
6	K2932-04		1	10	4.44	5.78	1.34	61.98	05/21/2019	08:23
7	K2932-05		1	1	5.02	6.84	1.82	859.73	05/21/2019	08:24
8	K2932-06		1	10	7.22	9.72	2.50	119.96	05/21/2019	08:24
9	K2932-07		1	10	3.22	5.78	2.56	122.96	05/21/2019	08:25
10	K2932-08		1	10	5.78	7.62	1.84	86.97	05/21/2019	08:25
11	K2933-01		1	10	0.00	2.52	2.52	120.96	05/21/2019	08:26
12	K2933-02		1	10	2.52	5.76	3.24	156.95	05/21/2019	08:27
13	K2933-03		1	10	5.76	9.04	3.28	158.95	05/21/2019	08:27
14	K2933-04		1	10	0.00	3.36	3.36	162.95	05/21/2019	08:28
15	K2933-05		1	10	3.36	6.58	3.22	155.95	05/21/2019	08:29
16	K2933-05DUP		1	10	6.58	9.78	3.20	154.95	05/21/2019	08:29
17	K2933-05MS	100	1	10	0.00	5.14	5.14	251.92	05/21/2019	08:30
18	K2933-05MSD	100	1	10	0.00	5.08	5.08	248.92	05/21/2019	08:31

Titrant Diff = TitrantFinal - TitrantInitial

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