

Analysis Method: SM4500-CL C

ANALYST: AMANDEEP

Parameter: Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB97747

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP67562
Indicator-acidifier reagent - Chloride	WP67437
MERCURIC NITRATE, 0.0141 N 4L	W2051
Indicator-acidifier reagent - Chloride	WP67437

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	LB97747BL		1	50	0.00	0.12	0.12	0.00	09/06/2018	09:00
2	LB97747BS	100	1	10	0.12	2.12	2.00	93.97	09/06/2018	09:01
3	J4708-01		1	5	0.00	1.36	1.36	123.96	09/06/2018	09:02
4	J4708-01DUP		1	5	1.36	3.00	1.64	151.95	09/06/2018	09:03
5	J4708-01MS	100	1	5	3.00	5.14	2.14	201.94	09/06/2018	09:04
6	J4708-01MSD	100	1	5	5.14	7.30	2.16	203.94	09/06/2018	09:05
7	J4708-02		1	5	7.30	9.34	2.04	191.94	09/06/2018	09:06
8	J4708-03		1	5	0.00	1.96	1.96	183.94	09/06/2018	09:07
9	J4708-04		1	5	0.00	2.00	2.00	187.94	09/06/2018	09:08
10	J4708-05		1	5	2.00	4.00	2.00	187.94	09/06/2018	09:09
11	J4743-01		1	50	4.00	4.48	0.48	3.60	09/06/2018	09:10
12	J4743-02		1	50	5.04	5.24	0.20	0.80	09/06/2018	09:11
13	J4743-03		1	5	5.24	7.00	1.76	163.95	09/06/2018	09:12
14	J4743-04		1	5	7.00	8.60	1.60	147.95	09/06/2018	09:13
15	J4743-05		1	10	0.00	3.20	3.20	153.95	09/06/2018	09:14
16	J4743-06		1	10	3.20	4.08	0.88	37.99	09/06/2018	09:15
17	J4743-07		1	10	4.08	4.96	0.88	37.99	09/06/2018	09:16
18	J4743-08		1	5	4.96	6.88	1.92	179.94	09/06/2018	09:17

Titrant Diff = TitrantFinal - TitrantInitial

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