

Analysis Method: SM4500-CL C

ANALYST: AMANDEEP

Parameter: Dissolved Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB97749

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	LB97749BL		1	50	0.00	0.10	0.10	0.00	09/06/2018	10:30
2	LB97749BS	100	1	10	0.10	2.00	1.90	89.97	09/06/2018	10:31
3	J4708-06		1	5	2.00	3.20	1.20	109.97	09/06/2018	10:32
4	J4708-06DUP		1	5	3.20	4.38	1.18	107.97	09/06/2018	10:33
5	J4708-06MS	100	1	5	4.38	6.40	2.02	191.94	09/06/2018	10:34
6	J4708-06MSD	100	1	5	0.00	2.06	2.06	195.94	09/06/2018	10:35
7	J4708-07		1	5	3.20	4.78	1.58	147.95	09/06/2018	10:36
8	J4708-08		1	5	0.00	1.82	1.82	171.95	09/06/2018	10:37
9	J4708-09		1	5	1.82	3.70	1.88	177.94	09/06/2018	10:38
10	J4708-10		1	5	3.70	5.62	1.92	181.94	09/06/2018	10:39
11	J4743-10		1	50	5.62	5.76	0.14	0.40	09/06/2018	10:40
12	J4743-11		1	50	5.76	5.90	0.14	0.40	09/06/2018	10:41
13	J4743-12		1	5	5.90	7.60	1.70	159.95	09/06/2018	10:42
14	J4743-13		1	5	0.00	1.40	1.40	129.96	09/06/2018	10:43
15	J4743-14		1	10	1.40	4.58	3.18	153.95	09/06/2018	10:44
16	J4743-15		1	10	4.58	5.40	0.82	35.99	09/06/2018	10:45
17	J4743-16		1	10	5.40	6.26	0.86	37.99	09/06/2018	10:46
18	J4743-17		1	5	6.26	8.12	1.86	175.95	09/06/2018	10:47

Titrant Diff = TitrantFinal - TitrantInitial

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