

Analysis Method: SM4500-CL C

ANALYST: Aparna

Parameter: Dissolved Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB97748

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	LB97748BL		1	50	0.00	0.12	0.12	0.00	09/06/2018	12:00
2	LB97748BS	100	1	10	0.12	2.10	1.98	92.97	09/06/2018	12:01
3	J4709-12		1	5	0.00	1.32	1.32	119.96	09/06/2018	12:02
4	J4709-12DUP		1	5	1.32	2.72	1.40	127.96	09/06/2018	12:03
5	J4709-12MS	100	1	5	2.72	4.90	2.18	205.94	09/06/2018	12:04
6	J4709-12MSD	100	1	5	4.90	7.08	2.18	205.94	09/06/2018	12:05
7	J4709-13		1	1	0.00	3.06	3.06	1469.54	09/06/2018	12:06
8	J4709-14		1	50	3.06	4.02	0.96	8.40	09/06/2018	12:07
9	J4709-15		1	10	0.00	1.00	1.00	43.99	09/06/2018	12:08
10	J4709-16		1	10	1.00	2.86	1.86	86.97	09/06/2018	12:09
11	J4709-17		1	10	2.86	4.70	1.84	85.97	09/06/2018	12:10
12	J4709-18		1	1	4.70	5.09	0.39	134.96	09/06/2018	12:11
13	J4709-19		1	5	5.09	6.42	1.33	120.96	09/06/2018	12:12
14	J4709-20		1	1	6.42	7.60	1.18	529.84	09/06/2018	12:13
15	J4709-21		1	50	7.60	7.70	0.10	-0.20	09/06/2018	12:14
16	J4709-22		1	50	7.70	7.98	0.28	1.60	09/06/2018	12:15

Titrant Diff = TitrantFinal - TitrantInitial

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