

Analysis Method: SM4500-CL C

ANALYST: AMANDEEP

Parameter: Dissolved Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB106501

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP80164
Indicator-acidifier reagent - Chloride	WP79407
MERCURIC NITRATE, 0.0141 N 4L	W2275
Chloride Standard	W2336

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	LB106501BL		1	50	0.02	0.12	0.10	0.00	11/27/2019	09:30
2	LB106501BS	100	1	10	0.12	2.26	2.14	101.97	11/27/2019	09:31
3	K5997-09		1	50	3.76	4.92	1.16	10.60	11/27/2019	09:32
4	K5997-10		1	50	2.10	3.80	1.70	16.00	11/27/2019	09:33
5	K5997-11		1	50	3.34	3.84	0.50	4.00	11/27/2019	09:34
6	K5997-12		1	1	3.86	4.48	0.62	259.92	11/27/2019	09:35
7	K5997-13		1	10	4.62	6.52	1.90	89.97	11/27/2019	09:35
8	K5997-14		1	5	6.58	7.76	1.18	107.97	11/27/2019	09:36
9	K5997-15		1	5	7.76	8.98	1.22	111.97	11/27/2019	09:37
10	K5997-16		1	10	0.00	1.90	1.90	89.97	11/27/2019	09:38
11	K5998-06		1	5	3.84	5.52	1.68	157.95	11/27/2019	09:39
12	K5998-07		1	5	5.52	7.10	1.58	147.95	11/27/2019	09:40
13	K5998-08		1	5	7.10	8.70	1.60	149.95	11/27/2019	09:41
14	K5998-09		1	5	0.00	1.56	1.56	145.95	11/27/2019	09:42
15	K5998-10		1	5	1.56	3.08	1.52	141.96	11/27/2019	09:43
16	K5998-10DUP		1	5	3.08	4.62	1.54	143.96	11/27/2019	09:44
17	K5998-10MS	100	1	5	3.36	5.64	2.28	217.93	11/27/2019	09:45
18	K5998-10MSD	100	1	5	5.64	7.94	2.30	219.93	11/27/2019	09:46

Titrant Diff = TitrantFinal - TitrantInitial

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