

Analysis Method: SM4500-CL C

ANALYST: AMANDEEP

Parameter: Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB106500

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP80131
Indicator-acidifier reagent - Chloride	WP79407
Chloride Standard	W2336
MERCURIC NITRATE, 0.0141 N 4L	W2275

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	LB106500BL		1	50	0.00	0.12	0.12	0.00	11/26/2019	11:59
2	LB106500BS	100	1	10	0.12	2.24	2.12	99.97	11/26/2019	11:59
3	K5997-01		1	50	5.72	6.90	1.18	10.60	11/26/2019	12:00
4	K5997-02		1	50	6.90	8.64	1.74	16.19	11/26/2019	12:01
5	K5997-03		1	50	0.06	0.46	0.40	2.80	11/26/2019	12:01
6	K5997-04		1	1	0.46	1.12	0.66	269.92	11/26/2019	12:02
7	K5997-05		1	10	1.12	3.06	1.94	90.97	11/26/2019	12:03
8	K5997-06		1	5	3.06	4.28	1.22	109.97	11/26/2019	12:04
9	K5997-07		1	5	4.28	5.60	1.32	119.96	11/26/2019	12:05
10	K5997-08		1	10	5.60	7.54	1.94	90.97	11/26/2019	12:06
11	K5998-01		1	5	0.00	1.78	1.78	165.95	11/26/2019	12:08
12	K5998-02		1	5	1.78	3.52	1.74	161.95	11/26/2019	12:10
13	K5998-03		1	5	3.52	5.14	1.62	149.95	11/26/2019	12:10
14	K5998-04		1	5	5.14	6.76	1.62	149.95	11/26/2019	12:11
15	K5998-05		1	5	6.76	8.32	1.56	143.96	11/26/2019	12:12
16	K5998-05DUP		1	5	0.00	1.54	1.54	141.96	11/26/2019	12:13
17	K5998-05MS	100	1	5	0.66	3.04	2.38	225.93	11/26/2019	12:16
18	K5998-05MSD	100	1	5	3.04	5.42	2.38	225.93	11/26/2019	12:17

Titrant Diff = TitrantFinal - TitrantInitial

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