

Analysis Method: SM4500-CL C

ANALYST: AMANDEEP

Parameter: Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB97989

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP67876
Indicator-acidifier reagent - Chloride	WP67437
MERCURIC NITRATE, 0.0141 N 4L	W2051
Chloride Blank	WP66468

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	LB97989BL		1	50	0.00	0.20	0.20	0.00	09/18/2018	13:45
2	LB97989BS	100	1	10	0.20	2.30	2.10	94.97	09/18/2018	13:47
3	J4880-05		1	10	2.30	4.26	1.96	87.97	09/18/2018	13:50
4	J4907-01		1	10	4.74	5.58	0.84	31.99	09/18/2018	13:53
5	J4907-03		1	10	5.58	6.38	0.80	29.99	09/18/2018	13:56
6	J4907-05		1	5	6.38	7.36	0.98	77.98	09/18/2018	14:00
7	J4907-07		1	10	7.36	8.02	0.66	22.99	09/18/2018	14:04
8	J4907-09		1	10	8.02	8.44	0.42	11.00	09/18/2018	14:08
9	J4907-11		1	10	8.44	8.82	0.38	9.00	09/18/2018	14:12
10	J4907-11DUP		1	10	0.00	0.40	0.40	10.00	09/18/2018	14:17
11	J4907-11MS	100	1	10	0.40	2.58	2.18	98.97	09/18/2018	14:20
12	J4907-11MSD	100	1	10	2.60	4.90	2.30	104.97	09/18/2018	14:24

$$\text{Titrant Diff} = \text{TitrantFinal} - \text{TitrantInitial}$$
$$\text{Result} = (\text{Titrant Diff} - \text{Row Blank Value} * \text{Normality}) * \text{Constant} /$$