

Analysis Method: SM4500-CL C

ANALYST: AMANDEEP

Parameter: Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB94974

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP64073
Indicator-acidifier reagent - Chloride	WP63834
MERCURIC NITRATE, 0.0141 N 4L	W2051
Chloride Blank	WP61081

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	LB94974BL		1	59	0.08	0.16	0.08	0.00	04/30/2018	10:16
2	LB94974BS	100	1	10	0.16	2.28	2.12	101.97	04/30/2018	10:29
3	J2614-01		1	5	2.28	3.76	1.48	139.96	04/30/2018	10:34
4	J2614-01DUP		1	5	3.76	5.24	1.48	139.96	04/30/2018	10:37
5	J2614-01MS	100	1	5	5.24	7.60	2.36	227.93	04/30/2018	10:40
6	J2614-01MSD	100	1	5	7.60	9.92	2.32	223.93	04/30/2018	10:44
7	J2614-02		1	10	0.00	1.96	1.96	93.97	04/30/2018	10:46
8	J2614-03		1	10	1.96	2.96	1.00	45.99	04/30/2018	10:53
9	J2614-04		1	10	2.96	4.00	1.04	47.99	04/30/2018	10:55
10	J2614-05		1	5	4.00	5.70	1.70	161.95	04/30/2018	10:58
11	J2614-06		1	5	5.70	7.40	1.70	161.95	04/30/2018	11:00
12	J2614-07		1	5	7.40	8.82	1.42	133.96	04/30/2018	11:01
13	J2614-08		1	1	0.00	1.34	1.34	629.80	04/30/2018	11:03
14	J2614-09		1	50	1.54	2.40	0.86	7.80	04/30/2018	11:06
15	J2614-10		1	50	2.40	2.54	0.14	0.60	04/30/2018	11:10
16	J2622-01		1	5	2.54	3.60	1.06	97.97	04/30/2018	11:12
17	J2622-02		1	5	3.60	5.18	1.58	149.95	04/30/2018	11:17
18	J2622-03		1	5	5.18	6.84	1.66	157.95	04/30/2018	11:19
19	J2622-04		1	5	6.84	8.44	1.60	151.95	04/30/2018	11:23
20	J2622-05		1	5	8.44	10.00	1.56	147.95	04/30/2018	11:25

Titrant Diff = TitrantFinal - TitrantInitial

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