

Analysis Method: SM4500-CL C

ANALYST: AMANDEEP

Parameter: Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB104162

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP76675
Indicator-acidifier reagent - Chloride	WP76522
Chloride Blank	WP76520
Chloride LCS std, 100PPM	WP76675
MERCURIC NITRATE, 0.0141 N 4L	W2051

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	LB104162BL		1	50	0.20	0.30	0.10	0.00	07/23/2019	13:26
2	LB104162BS	100	1	10	0.30	2.46	2.16	102.97	07/23/2019	13:29
3	K3905-02		1	5	2.46	4.04	1.58	147.95	07/23/2019	13:30
4	K3905-02DUP		1	5	4.04	5.56	1.52	141.96	07/23/2019	13:30
5	K3905-02MS	100	1	5	5.56	8.10	2.54	243.92	07/23/2019	13:32
6	K3905-02MSD	100	1	5	0.00	2.52	2.52	241.92	07/23/2019	13:33

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