

Analysis Method: SM4500-CL C

ANALYST: AMANDEEP

Parameter: Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB102351

Constant: 35450

Normality1: 0.0141

Reagent/Standard	Lot/Log #
Chloride LCS std, 100PPM	WP74126
Indicator-acidifier reagent - Chloride	WP74127
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	LB102351BL		1	50	0.00	0.16	0.16	0.00	04/25/2019	12:56
2	LB102351BS	100	1	10	0.16	2.26	2.10	96.97	04/25/2019	12:58
3	K2550-01		1	1	2.26	3.54	1.28	559.83	04/25/2019	12:59
4	K2550-01DUP		1	1	3.54	4.76	1.22	529.84	04/25/2019	12:59
5	K2550-01MS	100	1	1	4.76	6.20	1.44	639.80	04/25/2019	13:02
6	K2550-01MSD	100	1	1	6.20	7.62	1.42	629.80	04/25/2019	13:03

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