

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88052

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2236
Starch Solution, 4L	W2121

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB99734BL		1	5.02	50	5.00	0.00	4.30	4.30	0.70	0.00	0.00	06/13/2017	12:02
2	I3634-05		1	5.04	50	5.00	0.00	4.12	4.12	0.88	0.18	14.29	06/13/2017	12:06
3	I3634-05DUP		1	5.03	50	5.00	4.12	8.22	4.10	0.90	0.20	15.90	06/13/2017	12:10
4	I3635-03		1	5.04	50	5.00	0.00	3.88	3.88	1.12	0.42	33.33	06/13/2017	12:14
5	I3635-06		1	5.05	50	5.00	0.00	3.92	3.92	1.08	0.38	30.10	06/13/2017	12:17
6	I3635-09		1	5.04	50	5.00	3.92	7.88	3.96	1.04	0.34	26.98	06/13/2017	12:20
7	I3635-12		1	5.04	50	5.00	0.00	3.70	3.70	1.30	0.60	47.62	06/13/2017	12:24
8	I3635-15		1	5.05	50	5.00	3.70	7.42	3.72	1.28	0.58	45.94	06/13/2017	12:27
9	I3636-03		1	5.03	50	5.00	0.00	3.62	3.62	1.38	0.68	54.08	06/13/2017	12:30
10	I3640-05		1	5.02	50	5.00	3.62	7.48	3.86	1.14	0.44	35.06	06/13/2017	12:34
11	I3640-10		1	5.04	50	5.00	0.00	3.58	3.58	1.42	0.72	57.14	06/13/2017	12:37
12	I3643-03		1	5.03	50	5.00	3.58	7.18	3.60	1.40	0.70	55.67	06/13/2017	12:40

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume