

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91174

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
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	PB103753BL		1	5.02	50	2.00	0.00	1.54	1.54	0.46	0.00	0.00	10/27/2017	16:02
2	I6153-03		1	5.04	50	2.00	1.54	3.02	1.48	0.52	0.06	4.76	10/27/2017	16:05
3	I6153-03DUP		1	5.03	50	2.00	3.02	4.52	1.50	0.50	0.04	3.18	10/27/2017	16:08
4	I6166-03		1	5.04	50	2.00	4.52	5.88	1.36	0.64	0.18	14.29	10/27/2017	16:10
5	I6167-03		1	5.05	50	2.00	5.88	7.38	1.50	0.50	0.04	3.17	10/27/2017	16:12
6	I6169-02		1	5.04	50	2.00	3.00	4.44	1.44	0.56	0.10	7.94	10/27/2017	16:15
7	I6171-02		1	5.03	50	2.00	4.44	5.92	1.48	0.52	0.06	4.77	10/27/2017	16:18
8	I6171-04		1	5.04	50	2.00	5.92	7.30	1.38	0.62	0.16	12.70	10/27/2017	16:20
9	I6171-06		1	5.03	50	2.00	0.00	1.42	1.42	0.58	0.12	9.54	10/27/2017	16:22
10	I6171-08		1	5.06	50	2.00	1.42	2.88	1.46	0.54	0.08	6.32	10/27/2017	16:25
11	I6171-10		1	5.03	50	2.00	2.88	4.28	1.40	0.60	0.14	11.13	10/27/2017	16:28
12	I6174-03		1	5.05	50	2.00	4.28	5.72	1.44	0.56	0.10	7.92	10/27/2017	16:30

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