

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91091

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	PB103653BL		1	5.02	50	2.00	0.00	1.60	1.60	0.40	0.00	0.00	10/25/2017	15:30
2	I6093-10		1	5.04	50	2.00	1.60	3.18	1.58	0.42	0.02	1.59	10/25/2017	15:32
3	I6093-10DUP		1	5.03	50	2.00	3.18	4.74	1.56	0.44	0.04	3.18	10/25/2017	15:35
4	I6093-11		1	5.04	50	2.00	4.74	6.16	1.42	0.58	0.18	14.29	10/25/2017	15:38
5	I6093-12		1	5.05	50	2.00	6.16	7.76	1.60	0.40	0.00	0.00	10/25/2017	15:40
6	I6093-13		1	5.04	50	2.00	7.76	9.34	1.58	0.42	0.02	1.59	10/25/2017	15:42
7	I6101-01		1	5.06	50	2.00	0.00	1.44	1.44	0.56	0.16	12.65	10/25/2017	15:45
8	I6101-02		1	5.04	50	2.00	1.44	2.86	1.42	0.58	0.18	14.29	10/25/2017	15:48
9	I6101-03		1	5.03	50	2.00	2.86	4.22	1.36	0.64	0.24	19.09	10/25/2017	15:50
10	I6101-04		1	5.06	50	2.00	4.22	5.68	1.46	0.54	0.14	11.07	10/25/2017	15:52
11	I6101-05		1	5.03	50	2.00	0.00	1.38	1.38	0.62	0.22	17.50	10/25/2017	15:55
12	I6109-03		1	5.04	50	2.00	1.38	2.54	1.16	0.84	0.44	34.92	10/25/2017	15:58

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

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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
13	I6112-04		1	5.06	50	2.00	2.54	3.84	1.30	0.70	0.30	23.72	10/25/2017	16:02
14	I6112-08		1	5.04	50	2.00	3.84	5.00	1.16	0.84	0.44	34.92	10/25/2017	16:05
15	I6112-12		1	5.03	50	2.00	5.00	6.26	1.26	0.74	0.34	27.04	10/25/2017	16:08
16	I6112-16		1	5.06	50	2.00	6.26	7.62	1.36	0.64	0.24	18.97	10/25/2017	16:10
17	I6112-20		1	5.03	50	2.00	0.00	1.48	1.48	0.52	0.12	9.54	10/25/2017	16:12
18	I6112-24		1	5.06	50	2.00	1.48	2.56	1.08	0.92	0.52	41.11	10/25/2017	16:15
19	I6113-03		1	5.04	50	2.00	2.56	3.70	1.14	0.86	0.46	36.51	10/25/2017	16:18
20	I6117-03		1	5.02	50	2.00	3.70	4.40	0.70	1.30	0.90	71.71	10/25/2017	16:20

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