

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB98333

ANALYST: sweta
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2337
IODINE SOLUTION .025N 1L	W2349
Starch Solution, 4L	W2277

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	PB113471BL		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	10/03/2018	13:30
2	J5192-02		1	5.01	50	2.00	1.82	3.50	1.68	0.32	0.14	11.18	10/03/2018	13:33
3	J5192-02DUP		1	5.03	50	2.00	3.50	5.16	1.66	0.34	0.16	12.72	10/03/2018	13:35
4	J5192-04		1	5.02	50	2.00	0.00	1.64	1.64	0.36	0.18	14.34	10/03/2018	13:37
5	J5194-02		1	5.05	50	2.00	1.64	3.24	1.60	0.40	0.22	17.43	10/03/2018	13:39
6	J5194-04		1	5.02	50	2.00	3.24	4.80	1.56	0.44	0.26	20.72	10/03/2018	13:43
7	J5194-06		1	5.03	50	2.00	4.80	6.32	1.52	0.48	0.30	23.86	10/03/2018	13:45
8	J5198-02		1	5.00	50	2.00	6.32	7.90	1.58	0.42	0.24	19.20	10/03/2018	13:47
9	J5198-04		1	5.06	50	2.00	7.90	9.44	1.54	0.46	0.28	22.13	10/03/2018	13:49
10	J5198-06		1	5.04	50	2.00	0.00	1.44	1.44	0.56	0.38	30.16	10/03/2018	13:51
11	J5198-08		1	5.04	50	2.00	1.44	3.18	1.74	0.26	0.08	6.35	10/03/2018	13:53
12	J5198-10		1	5.00	50	2.00	3.18	4.62	1.44	0.56	0.38	30.40	10/03/2018	13:55

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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IODINE SOLUTION .025N 1L	W2349
Starch Solution, 4L	W2277

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	J5211-01		1	5.01	50	2.00	4.62	6.20	1.58	0.42	0.24	19.16	10/03/2018	13:57
14	J5211-02		1	5.05	50	2.00	6.20	7.84	1.64	0.36	0.18	14.26	10/03/2018	14:00
15	J5211-03		1	5.03	50	2.00	7.84	9.52	1.68	0.32	0.14	11.13	10/03/2018	14:03
16	J5212-04		1	5.05	50	2.00	0.00	1.54	1.54	0.46	0.28	22.18	10/03/2018	14:05
17	J5212-08		1	5.04	50	2.00	1.54	3.04	1.50	0.50	0.32	25.40	10/03/2018	14:07
18	J5218-02		1	5.02	50	2.00	3.04	4.48	1.44	0.56	0.38	30.28	10/03/2018	14:09
19	J5218-04		1	5.03	50	2.00	4.48	6.14	1.66	0.34	0.16	12.72	10/03/2018	14:11
20	J5218-06		1	5.00	50	2.00	6.14	7.72	1.58	0.42	0.24	19.20	10/03/2018	14:13

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