

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB98142

ANALYST: ketankumar
 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	PB113197BL		1	5.02	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	09/25/2018	13:35
2	J4281-03		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.04	3.18	09/25/2018	13:38
3	J4281-03DUP		1	5.04	50	2.00	1.92	3.82	1.90	0.10	0.06	4.76	09/25/2018	13:40
4	J4774-06		1	5.03	50	2.00	3.82	5.52	1.70	0.30	0.26	20.68	09/25/2018	13:42
5	J4775-10		1	5.05	50	2.00	5.52	7.10	1.58	0.42	0.38	30.10	09/25/2018	13:45
6	J4775-12		1	5.00	50	2.00	7.10	8.76	1.66	0.34	0.30	24.00	09/25/2018	13:48
7	J4779-06		1	5.03	50	2.00	0.00	1.50	1.50	0.50	0.46	36.58	09/25/2018	13:52
8	J4779-08		1	5.04	50	2.00	1.50	3.04	1.54	0.46	0.42	33.33	09/25/2018	13:55
9	J4779-10		1	5.01	50	2.00	3.04	4.60	1.56	0.44	0.40	31.94	09/25/2018	13:58
10	J4923-01		1	5.02	50	2.00	4.60	6.20	1.60	0.40	0.36	28.69	09/25/2018	14:02
11	J5055-07		1	5.06	50	2.00	6.20	7.74	1.54	0.46	0.42	33.20	09/25/2018	14:05
12	J5055-11		1	5.07	50	2.00	7.74	9.34	1.60	0.40	0.36	28.40	09/25/2018	14:08

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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Parameter: Reactive Sulfide

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Constant: 16000

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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
13	J5055-15		1	5.00	50	2.00	0.00	1.52	1.52	0.48	0.44	35.20	09/25/2018	14:12
14	J5055-19		1	5.02	50	2.00	1.52	2.79	1.27	0.73	0.69	54.98	09/25/2018	14:15
15	J5064-04		1	5.03	50	2.00	2.79	4.16	1.37	0.63	0.59	46.92	09/25/2018	14:18
16	J5069-04		1	5.04	50	2.00	4.16	5.42	1.26	0.74	0.70	55.56	09/25/2018	14:22
17	J5069-08		1	5.04	50	2.00	5.42	7.06	1.64	0.36	0.32	25.40	09/25/2018	14:25
18	J5070-03		1	5.00	50	2.00	7.06	8.50	1.44	0.56	0.52	41.60	09/25/2018	14:28
19	J5070-06		1	5.02	50	2.00	0.00	1.58	1.58	0.42	0.38	30.28	09/25/2018	14:32
20	J5070-09		1	5.05	50	2.00	1.58	2.86	1.28	0.72	0.68	53.86	09/25/2018	14:35
21	J5070-12		1	5.04	50	2.00	2.86	4.28	1.42	0.58	0.54	42.86	09/25/2018	14:38

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