

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB101051

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2379

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	PB117410BL		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	02/27/2019	13:40
2	K1348-08		1	5.02	50	2.00	1.90	3.74	1.84	0.16	0.06	4.78	02/27/2019	13:42
3	K1348-08DUP		1	5.04	50	2.00	3.74	5.60	1.86	0.14	0.04	3.17	02/27/2019	13:45
4	K1350-12		1	5.05	50	2.00	0.00	1.80	1.80	0.20	0.10	7.92	02/27/2019	13:48
5	K1350-14		1	5.00	50	2.00	1.80	3.64	1.84	0.16	0.06	4.80	02/27/2019	13:50
6	K1350-16		1	5.02	50	2.00	3.64	5.42	1.78	0.22	0.12	9.56	02/27/2019	13:52
7	K1353-02		1	5.03	50	2.00	5.42	7.24	1.82	0.18	0.08	6.36	02/27/2019	13:55
8	K1353-04		1	5.02	50	2.00	7.24	9.00	1.76	0.24	0.14	11.16	02/27/2019	13:58
9	K1353-06		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.08	6.37	02/27/2019	14:02
10	K1353-08		1	5.04	50	2.00	1.82	3.60	1.78	0.22	0.12	9.52	02/27/2019	14:05
11	K1608-01		1	5.05	50	2.00	3.60	5.40	1.80	0.20	0.10	7.92	02/27/2019	14:08
12	K1610-02		1	5.00	50	2.00	5.40	7.18	1.78	0.22	0.12	9.60	02/27/2019	14:12

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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13	K1610-04		1	5.02	50	2.00	7.18	8.92	1.74	0.26	0.16	12.75	02/27/2019	14:15
14	K1610-06		1	5.03	50	2.00	0.00	1.76	1.76	0.24	0.14	11.13	02/27/2019	14:18
15	K1610-08		1	5.01	50	2.00	1.76	3.58	1.82	0.18	0.08	6.39	02/27/2019	14:22
16	K1610-10		1	5.03	50	2.00	3.58	5.34	1.76	0.24	0.14	11.13	02/27/2019	14:25
17	K1619-01		1	5.04	50	2.00	5.34	7.18	1.84	0.16	0.06	4.76	02/27/2019	14:28
18	K1633-04		1	5.06	50	2.00	7.18	8.98	1.80	0.20	0.10	7.91	02/27/2019	14:32
19	K1633-08		1	5.02	50	2.00	0.00	1.78	1.78	0.22	0.12	9.56	02/27/2019	14:35

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