

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB106617

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP80247
IODINE SOLUTION .025N 1L	W2508
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	PB125274BL		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	12/05/2019	13:00
2	K6112-04		1	5.02	50	2.00	1.82	3.62	1.80	0.20	0.02	1.59	12/05/2019	13:02
3	K6112-04DUP		1	5.04	50	2.00	3.62	5.40	1.78	0.22	0.04	3.17	12/05/2019	13:04
4	K6135-07		1	5.01	50	2.00	5.40	7.16	1.76	0.24	0.06	4.79	12/05/2019	13:06
5	K6135-08		1	5.00	50	2.00	0.00	1.80	1.80	0.20	0.02	1.60	12/05/2019	13:10
6	K6135-09		1	5.03	50	2.00	1.80	3.58	1.78	0.22	0.04	3.18	12/05/2019	13:12
7	K6147-12		1	5.02	50	2.00	3.58	5.34	1.76	0.24	0.06	4.78	12/05/2019	13:14
8	K6147-13		1	5.04	50	2.00	5.34	7.08	1.74	0.26	0.08	6.35	12/05/2019	13:16
9	K6147-14		1	5.01	50	2.00	7.08	8.80	1.72	0.28	0.10	7.98	12/05/2019	13:18
10	K6147-15		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.02	1.59	12/05/2019	13:22
11	K6147-16		1	5.03	50	2.00	1.80	3.58	1.78	0.22	0.04	3.18	12/05/2019	13:26
12	K6147-17		1	5.00	50	2.00	3.58	5.34	1.76	0.24	0.06	4.80	12/05/2019	13:28

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	K6147-18		1	5.02	50	2.00	5.34	7.08	1.74	0.26	0.08	6.37	12/05/2019	13:30
14	K6147-19		1	5.00	50	2.00	7.08	8.80	1.72	0.28	0.10	8.00	12/05/2019	13:32
15	K6147-20		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	12/05/2019	13:36
16	K6147-21		1	5.02	50	2.00	1.82	3.62	1.80	0.20	0.02	1.59	12/05/2019	13:38
17	K6147-22		1	5.04	50	2.00	3.62	5.40	1.78	0.22	0.04	3.17	12/05/2019	13:40

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