

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB106590

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP78865
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	PB125236BL		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	12/04/2019	13:00
2	K6100-02		1	5.02	50	2.00	1.90	3.78	1.88	0.12	0.02	1.59	12/04/2019	13:02
3	K6100-02DUP		1	5.04	50	2.00	3.78	5.64	1.86	0.14	0.04	3.17	12/04/2019	13:04
4	K6100-04		1	5.01	50	2.00	5.64	7.48	1.84	0.16	0.06	4.79	12/04/2019	13:06
5	K6119-01		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.02	1.60	12/04/2019	13:10
6	K6119-03		1	5.03	50	2.00	1.88	3.74	1.86	0.14	0.04	3.18	12/04/2019	13:12
7	K6119-05		1	5.02	50	2.00	3.74	5.58	1.84	0.16	0.06	4.78	12/04/2019	13:14
8	K6119-07		1	5.04	50	2.00	5.58	7.40	1.82	0.18	0.08	6.35	12/04/2019	13:16
9	K6119-09		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	12/04/2019	13:20
10	K6119-11		1	5.02	50	2.00	1.90	3.78	1.88	0.12	0.02	1.59	12/04/2019	13:22
11	K6120-02		1	5.00	50	2.00	3.78	5.64	1.86	0.14	0.04	3.20	12/04/2019	13:24
12	K6120-04		1	5.03	50	2.00	5.64	7.48	1.84	0.16	0.06	4.77	12/04/2019	13:26

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	K6120-06		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	12/04/2019	13:30
14	K6120-08		1	5.04	50	2.00	1.88	3.74	1.86	0.14	0.04	3.17	12/04/2019	13:32

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