

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB106044

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	PB124430BL		1	5.00	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	10/31/2019	14:00
2	K5138-06		1	5.02	50	2.00	1.98	3.94	1.96	0.04	0.02	1.59	10/31/2019	14:02
3	K5138-06DUP		1	5.04	50	2.00	3.94	5.88	1.94	0.06	0.04	3.17	10/31/2019	14:05
4	K5143-09		1	5.01	50	2.00	5.88	7.80	1.92	0.08	0.06	4.79	10/31/2019	14:08
5	K5146-22		1	5.00	50	2.00	0.00	1.96	1.96	0.04	0.02	1.60	10/31/2019	14:12
6	K5147-11		1	5.03	50	2.00	1.96	3.90	1.94	0.06	0.04	3.18	10/31/2019	14:15
7	K5612-06		1	5.02	50	2.00	3.90	5.82	1.92	0.08	0.06	4.78	10/31/2019	14:17
8	K5615-02		1	5.04	50	2.00	5.82	7.72	1.90	0.10	0.08	6.35	10/31/2019	14:19
9	K5615-04		1	5.01	50	2.00	0.00	1.96	1.96	0.04	0.02	1.60	10/31/2019	14:22
10	K5615-06		1	5.02	50	2.00	1.96	3.90	1.94	0.06	0.04	3.19	10/31/2019	14:25
11	K5620-04		1	5.03	50	2.00	3.90	5.82	1.92	0.08	0.06	4.77	10/31/2019	14:28
12	K5620-08		1	5.00	50	2.00	5.82	7.72	1.90	0.10	0.08	6.40	10/31/2019	14:30

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	K5620-12		1	5.02	50	2.00	0.00	1.94	1.94	0.06	0.04	3.19	10/31/2019	14:32

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