

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105442

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP77620
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	PB123562BL		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	10/02/2019	15:30
2	K4660-02		1	5.02	50	2.00	1.92	3.82	1.90	0.10	0.02	1.59	10/02/2019	15:32
3	K4660-02DUP		1	5.04	50	2.00	3.82	5.70	1.88	0.12	0.04	3.17	10/02/2019	15:34
4	K5131-01		1	5.01	50	2.00	5.70	7.56	1.86	0.14	0.06	4.79	10/02/2019	15:36
5	K5131-02		1	5.00	50	2.00	7.56	9.40	1.84	0.16	0.08	6.40	10/02/2019	15:38
6	K5131-03		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	10/02/2019	15:40
7	K5131-04		1	5.02	50	2.00	1.88	3.74	1.86	0.14	0.06	4.78	10/02/2019	15:43
8	K5131-05		1	5.04	50	2.00	3.74	5.58	1.84	0.16	0.08	6.35	10/02/2019	15:47
9	K5131-06		1	5.01	50	2.00	5.58	7.40	1.82	0.18	0.10	7.98	10/02/2019	15:49
10	K5131-07		1	5.02	50	2.00	7.40	9.20	1.80	0.20	0.12	9.56	10/02/2019	15:52
11	K5131-08		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	10/02/2019	15:54
12	K5131-09		1	5.00	50	2.00	1.86	3.70	1.84	0.16	0.08	6.40	10/02/2019	15:56

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	K5131-10		1	5.02	50	2.00	3.70	5.52	1.82	0.18	0.10	7.97	10/02/2019	15:58
14	K5148-04		1	5.00	50	2.00	5.52	7.32	1.80	0.20	0.12	9.60	10/02/2019	16:00

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