

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB101680

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	PB118323BL		1	5.05	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	03/27/2019	13:30
2	K2107-02		1	5.02	50	2.00	0.00	1.72	1.72	0.28	0.20	15.94	03/27/2019	13:32
3	K2107-02DUP		1	5.04	50	2.00	1.72	3.46	1.74	0.26	0.18	14.29	03/27/2019	13:35
4	K2107-04		1	5.05	50	2.00	3.46	5.22	1.76	0.24	0.16	12.67	03/27/2019	13:38
5	K2107-06		1	5.02	50	2.00	5.22	7.04	1.82	0.18	0.10	7.97	03/27/2019	13:40
6	K2107-08		1	5.03	50	2.00	0.00	1.76	1.76	0.24	0.16	12.72	03/27/2019	13:42
7	K2107-10		1	5.06	50	2.00	1.76	3.56	1.80	0.20	0.12	9.49	03/27/2019	13:45
8	K2107-12		1	5.03	50	2.00	3.56	5.34	1.78	0.22	0.14	11.13	03/27/2019	13:48
9	K2107-14		1	5.01	50	2.00	5.34	7.18	1.84	0.16	0.08	6.39	03/27/2019	13:50
10	K2107-16		1	5.02	50	2.00	0.00	1.78	1.78	0.22	0.14	11.16	03/27/2019	13:52
11	K2107-18		1	5.03	50	2.00	1.78	3.60	1.82	0.18	0.10	7.95	03/27/2019	13:55
12	K2111-02		1	5.00	50	2.00	3.60	5.44	1.84	0.16	0.08	6.40	03/27/2019	13:58

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	K2111-04		1	5.01	50	2.00	5.44	7.20	1.76	0.24	0.16	12.77	03/27/2019	14:02
14	K2111-06		1	5.04	50	2.00	0.00	1.80	1.80	0.20	0.12	9.52	03/27/2019	14:05

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