

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB99193

ANALYST: sweta
 SUPERVISOR REVIEW BY: ketankumar
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP68780
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2277

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	PB114785BL		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	11/13/2018	12:05
2	J5770-02		1	5.02	50	2.00	1.90	3.70	1.80	0.20	0.10	7.97	11/13/2018	12:07
3	J5770-02DUP		1	5.04	50	2.00	3.70	5.48	1.78	0.22	0.12	9.52	11/13/2018	12:09
4	J5770-04		1	5.05	50	2.00	5.48	7.28	1.80	0.20	0.10	7.92	11/13/2018	12:11
5	J5908-04		1	5.00	50	2.00	7.28	8.92	1.64	0.36	0.26	20.80	11/13/2018	12:13
6	J5908-08		1	5.03	50	2.00	0.00	1.70	1.70	0.30	0.20	15.90	11/13/2018	12:15
7	J5908-12		1	5.01	50	2.00	1.70	3.40	1.70	0.30	0.20	15.97	11/13/2018	12:17
8	J5908-16		1	5.03	50	2.00	3.40	5.10	1.70	0.30	0.20	15.90	11/13/2018	12:19
9	J5908-20		1	5.05	50	2.00	5.10	6.72	1.62	0.38	0.28	22.18	11/13/2018	12:23
10	J5908-24		1	5.03	50	2.00	6.72	8.60	1.88	0.12	0.02	1.59	11/13/2018	12:23
11	J5908-28		1	5.01	50	2.00	0.00	1.50	1.50	0.50	0.40	31.94	11/13/2018	12:25
12	J5909-04		1	5.00	50	2.00	1.50	3.02	1.52	0.48	0.38	30.40	11/13/2018	12:27

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	J5909-08		1	5.00	50	2.00	3.02	4.70	1.68	0.32	0.22	17.60	11/13/2018	12:29
14	J5909-12		1	5.03	50	2.00	4.70	5.92	1.22	0.78	0.68	54.08	11/13/2018	12:31
15	J5910-04		1	5.01	50	2.00	5.92	7.52	1.60	0.40	0.30	23.95	11/13/2018	12:33
16	J5910-08		1	5.04	50	2.00	7.52	9.02	1.50	0.50	0.40	31.75	11/13/2018	12:35
17	J5913-02		1	5.03	50	2.00	0.00	1.68	1.68	0.32	0.22	17.50	11/13/2018	12:37
18	J5923-02		1	5.02	50	2.00	1.68	3.20	1.52	0.48	0.38	30.28	11/13/2018	12:39

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