

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB98975

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	PB114396BL		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	11/01/2018	13:00
2	J5192-06		1	5.02	50	2.00	1.92	3.54	1.62	0.38	0.30	23.90	11/01/2018	13:03
3	J5192-06DUP		1	5.04	50	2.00	3.54	5.14	1.60	0.40	0.32	25.40	11/01/2018	13:05
4	J5192-08		1	5.03	50	2.00	0.00	1.68	1.68	0.32	0.24	19.09	11/01/2018	13:07
5	J5200-18		1	5.02	50	2.00	1.68	3.26	1.58	0.42	0.34	27.09	11/01/2018	13:09
6	J5200-20		1	5.05	50	2.00	3.26	4.86	1.60	0.40	0.32	25.35	11/01/2018	13:11
7	J5741-06		1	5.00	50	2.00	4.86	6.52	1.66	0.34	0.26	20.80	11/01/2018	13:13
8	J5741-10		1	5.03	50	2.00	6.52	8.20	1.68	0.32	0.24	19.09	11/01/2018	13:15
9	J5741-14		1	5.02	50	2.00	8.20	9.70	1.50	0.50	0.42	33.47	11/01/2018	13:17
10	J5741-18		1	5.06	50	2.00	0.00	1.52	1.52	0.48	0.40	31.62	11/01/2018	13:19
11	J5741-22		1	5.00	50	2.00	1.52	3.00	1.48	0.52	0.44	35.20	11/01/2018	13:21
12	J5741-26		1	5.04	50	2.00	3.00	4.48	1.48	0.52	0.44	34.92	11/01/2018	13:23

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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Normality1: 0.025

Normality2: 0.025

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Sodium thiosulfate titrant 0.025N	WP68780
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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
13	J5741-30		1	5.02	50	2.00	4.48	5.80	1.32	0.68	0.60	47.81	11/01/2018	13:25
14	J5741-34		1	5.03	50	2.00	5.80	7.28	1.48	0.52	0.44	34.99	11/01/2018	13:27
15	J5741-38		1	5.03	50	2.00	7.28	8.76	1.48	0.52	0.44	34.99	11/01/2018	13:29
16	J5741-42		1	5.02	50	2.00	8.76	9.90	1.14	0.86	0.78	62.15	11/01/2018	13:31
17	J5741-46		1	5.04	50	2.00	0.00	1.50	1.50	0.50	0.42	33.33	11/01/2018	13:33
18	J5741-50		1	5.03	50	2.00	1.50	3.12	1.62	0.38	0.30	23.86	11/01/2018	13:35
19	J5741-54		1	5.02	50	2.00	3.12	4.72	1.60	0.40	0.32	25.50	11/01/2018	13:37
20	J5741-58		1	5.05	50	2.00	4.72	6.52	1.80	0.20	0.12	9.50	11/01/2018	13:39
21	J5741-62		1	5.06	50	2.00	6.52	7.88	1.36	0.64	0.56	44.27	11/01/2018	13:41

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