

Analysis Method: 9034

ANALYST: sweta

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB99022

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	PB114482BL		1	5.03	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	11/04/2018	11:00
2	J5771-02		1	5.03	50	2.00	1.80	3.52	1.72	0.28	0.08	6.36	11/04/2018	11:03
3	J5771-02DUP		1	5.04	50	2.00	3.52	5.26	1.74	0.26	0.06	4.76	11/04/2018	11:05
4	J5771-04		1	5.05	50	2.00	5.26	7.06	1.80	0.20	0.00	0.00	11/04/2018	11:07
5	J5771-06		1	5.00	50	2.00	7.06	8.58	1.52	0.48	0.28	22.40	11/04/2018	11:09
6	J5805-01		1	5.02	50	2.00	8.58	9.98	1.40	0.60	0.40	31.87	11/04/2018	11:11
7	J5805-02		1	5.06	50	2.00	0.00	1.82	1.82	0.18	-0.02	-1.58	11/04/2018	11:13
8	J5805-03		1	5.04	50	2.00	1.82	3.46	1.64	0.36	0.16	12.70	11/04/2018	11:15
9	J5805-04		1	5.04	50	2.00	3.46	5.24	1.78	0.22	0.02	1.59	11/04/2018	11:17
10	J5805-05		1	5.04	50	2.00	5.24	6.80	1.56	0.44	0.24	19.05	11/04/2018	11:19
11	J5805-06		1	5.03	50	2.00	6.80	8.10	1.30	0.70	0.50	39.76	11/04/2018	11:19
12	J5805-07		1	5.03	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	11/04/2018	11:23

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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Normality2: 0.025

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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	J5805-08		1	5.00	50	2.00	1.80	3.30	1.50	0.50	0.30	24.00	11/04/2018	11:25
14	J5805-09		1	5.02	50	2.00	3.30	5.10	1.80	0.20	0.00	0.00	11/04/2018	11:27
15	J5812-04		1	5.01	50	2.00	5.10	6.80	1.70	0.30	0.10	7.98	11/04/2018	11:29
16	J5812-08		1	5.00	50	2.00	6.80	8.44	1.64	0.36	0.16	12.80	11/04/2018	11:31
17	J5812-12		1	5.05	50	2.00	8.44	9.98	1.54	0.46	0.26	20.59	11/04/2018	11:33
18	J5812-16		1	5.06	50	2.00	0.00	1.66	1.66	0.34	0.14	11.07	11/04/2018	11:35
19	J5812-20		1	5.05	50	2.00	1.66	3.40	1.74	0.26	0.06	4.75	11/04/2018	11:37
20	J5812-24		1	5.04	50	2.00	3.40	4.80	1.40	0.60	0.40	31.75	11/04/2018	11:39
21	J5812-28		1	5.03	50	2.00	4.80	6.42	1.62	0.38	0.18	14.31	11/04/2018	11:41
22	J5812-32		1	5.02	50	2.00	6.42	7.82	1.40	0.60	0.40	31.87	11/04/2018	11:43

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