

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB99037

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	PB114520BL		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	11/05/2018	14:00
2	J5764-02		1	5.00	50	2.00	1.90	3.52	1.62	0.38	0.28	22.40	11/05/2018	14:03
3	J5764-02DUP		1	5.02	50	2.00	3.52	5.12	1.60	0.40	0.30	23.90	11/05/2018	14:05
4	J5764-04		1	5.06	50	2.00	0.00	1.70	1.70	0.30	0.20	15.81	11/05/2018	14:07
5	J5764-06		1	5.00	50	2.00	1.70	3.44	1.74	0.26	0.16	12.80	11/05/2018	14:09
6	J5764-08		1	5.03	50	2.00	3.44	5.20	1.76	0.24	0.14	11.13	11/05/2018	14:11
7	J5764-10		1	5.02	50	2.00	5.20	7.04	1.84	0.16	0.06	4.78	11/05/2018	14:13
8	J5764-12		1	5.04	50	2.00	7.04	8.58	1.54	0.46	0.36	28.57	11/05/2018	14:15
9	J5764-14		1	5.00	50	2.00	0.00	1.84	1.84	0.16	0.06	4.80	11/05/2018	14:17
10	J5764-16		1	5.03	50	2.00	1.84	3.42	1.58	0.42	0.32	25.45	11/05/2018	14:19
11	J5764-18		1	5.04	50	2.00	3.42	5.00	1.58	0.42	0.32	25.40	11/05/2018	14:21
12	J5764-20		1	5.01	50	2.00	5.00	6.74	1.74	0.26	0.16	12.77	11/05/2018	14:23

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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13	J5804-02		1	5.05	50	2.00	6.74	8.20	1.46	0.54	0.44	34.85	11/05/2018	14:25
14	J5815-02		1	5.03	50	2.00	8.20	9.80	1.60	0.40	0.30	23.86	11/05/2018	14:27
15	J5815-04		1	5.02	50	2.00	0.00	1.50	1.50	0.50	0.40	31.87	11/05/2018	14:29
16	J5815-06		1	5.00	50	2.00	1.50	3.20	1.70	0.30	0.20	16.00	11/05/2018	14:31
17	J5816-04		1	5.03	50	2.00	3.20	4.74	1.54	0.46	0.36	28.63	11/05/2018	14:35
18	J5816-08		1	5.01	50	2.00	4.74	6.30	1.56	0.44	0.34	27.15	11/05/2018	14:37
19	J5816-12		1	5.02	50	2.00	6.30	7.44	1.14	0.86	0.76	60.56	11/05/2018	14:39

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