

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108216

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP81413
IODINE SOLUTION .025N 1L	W2669
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	PB127450BL		1	5.01	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	03/11/2020	13:15
2	L1755-04		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	03/11/2020	13:18
3	L1755-04DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	03/11/2020	13:20
4	L1759-10		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	03/11/2020	13:22
5	L1853-04		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	03/11/2020	13:25
6	L1853-07		1	5.03	50	2.00	1.88	3.72	1.84	0.16	0.08	6.36	03/11/2020	13:28
7	L1853-10		1	5.06	50	2.00	3.72	5.54	1.82	0.18	0.10	7.91	03/11/2020	13:30
8	L1853-13		1	5.04	50	2.00	5.54	7.40	1.86	0.14	0.06	4.76	03/11/2020	13:32
9	L1859-04		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	03/11/2020	13:35
10	L1859-08		1	5.09	50	2.00	1.86	3.68	1.82	0.18	0.10	7.86	03/11/2020	13:38
11	L1859-12		1	5.07	50	2.00	3.68	5.52	1.84	0.16	0.08	6.31	03/11/2020	13:40
12	L1864-02		1	5.04	50	2.00	5.52	7.38	1.86	0.14	0.06	4.76	03/11/2020	13:42

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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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	L1864-05		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	03/11/2020	13:45
14	L1871-04		1	5.05	50	2.00	1.84	3.70	1.86	0.14	0.06	4.75	03/11/2020	13:48
15	L1871-08		1	5.04	50	2.00	3.70	5.60	1.90	0.10	0.02	1.59	03/11/2020	13:50
16	L1871-12		1	5.06	50	2.00	5.60	7.48	1.88	0.12	0.04	3.16	03/11/2020	13:52
17	L1871-16		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	03/11/2020	13:55
18	L1873-02		1	5.07	50	2.00	1.86	3.68	1.82	0.18	0.10	7.89	03/11/2020	13:58
19	L1873-04		1	5.03	50	2.00	3.68	5.54	1.86	0.14	0.06	4.77	03/11/2020	14:02
20	L1873-06		1	5.02	50	2.00	5.54	7.38	1.84	0.16	0.08	6.37	03/11/2020	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