

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB101355

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
IODINE SOLUTION .025N 1L	W2410
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	PB117890BL		1	5.05	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	03/13/2019	13:45
2	K1693-06		1	5.02	50	2.00	0.00	1.78	1.78	0.22	0.02	1.59	03/13/2019	13:48
3	K1693-06DUP		1	5.04	50	2.00	1.78	3.54	1.76	0.24	0.04	3.17	03/13/2019	13:50
4	K1693-08		1	5.05	50	2.00	3.54	5.14	1.60	0.40	0.20	15.84	03/13/2019	13:52
5	K1847-19		1	5.00	50	2.00	5.14	6.88	1.74	0.26	0.06	4.80	03/13/2019	13:55
6	K1847-20		1	5.02	50	2.00	6.88	8.48	1.60	0.40	0.20	15.94	03/13/2019	13:58
7	K1847-21		1	5.03	50	2.00	0.00	1.72	1.72	0.28	0.08	6.36	03/13/2019	14:02
8	K1847-22		1	5.04	50	2.00	1.72	3.30	1.58	0.42	0.22	17.46	03/13/2019	14:05
9	K1847-23		1	5.02	50	2.00	3.30	4.90	1.60	0.40	0.20	15.94	03/13/2019	14:08
10	K1863-01		1	5.03	50	2.00	4.90	6.50	1.60	0.40	0.20	15.90	03/13/2019	14:12
11	K1865-01		1	5.00	50	2.00	6.50	8.10	1.60	0.40	0.20	16.00	03/13/2019	14:15
12	K1869-08		1	5.03	50	2.00	0.00	1.60	1.60	0.40	0.20	15.90	03/13/2019	14:18

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	K1869-16		1	5.04	50	2.00	1.60	3.40	1.80	0.20	0.00	0.00	03/13/2019	14:20
14	K1870-04		1	5.03	50	2.00	3.40	4.94	1.54	0.46	0.26	20.68	03/13/2019	14:22
15	K1870-08		1	5.05	50	2.00	4.94	6.68	1.74	0.26	0.06	4.75	03/13/2019	14:25
16	K1870-12		1	5.02	50	2.00	6.68	8.12	1.44	0.56	0.36	28.69	03/13/2019	14:28
17	K1871-04		1	5.01	50	2.00	0.00	1.50	1.50	0.50	0.30	23.95	03/13/2019	14:30
18	K1871-08		1	5.02	50	2.00	1.50	3.00	1.50	0.50	0.30	23.90	03/13/2019	14:32
19	K1873-04		1	5.03	50	2.00	3.00	4.52	1.52	0.48	0.28	22.27	03/13/2019	14:35

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