

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB101458

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	PB118073BL		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	03/19/2019	15:35
2	K1692-04		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	03/19/2019	15:38
3	K1692-04DUP		1	5.04	50	2.00	1.88	3.78	1.90	0.10	0.02	1.59	03/19/2019	15:40
4	K1693-10		1	5.05	50	2.00	3.78	5.60	1.82	0.18	0.10	7.92	03/19/2019	15:42
5	K1693-12		1	5.00	50	2.00	5.60	7.44	1.84	0.16	0.08	6.40	03/19/2019	15:45
6	K1930-04		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	03/19/2019	15:48
7	K1930-08		1	5.03	50	2.00	1.86	3.56	1.70	0.30	0.22	17.50	03/19/2019	15:50
8	K1930-13		1	5.04	50	2.00	3.56	5.38	1.82	0.18	0.10	7.94	03/19/2019	15:52
9	K1930-17		1	5.02	50	2.00	5.38	7.14	1.76	0.24	0.16	12.75	03/19/2019	15:55
10	K1941-08		1	5.03	50	2.00	0.00	1.72	1.72	0.28	0.20	15.90	03/19/2019	15:58
11	K1943-11		1	5.00	50	2.00	1.72	3.54	1.82	0.18	0.10	8.00	03/19/2019	16:02
12	K1943-12		1	5.05	50	2.00	3.54	5.38	1.84	0.16	0.08	6.34	03/19/2019	16:05

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

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13	K1943-13		1	5.04	50	2.00	5.38	7.22	1.84	0.16	0.08	6.35	03/19/2019	16:08
14	K1943-14		1	5.03	50	2.00	0.00	1.76	1.76	0.24	0.16	12.72	03/19/2019	16:10
15	K1943-15		1	5.01	50	2.00	1.76	3.54	1.78	0.22	0.14	11.18	03/19/2019	16:12
16	K1943-16		1	5.02	50	2.00	3.54	5.22	1.68	0.32	0.24	19.12	03/19/2019	16:15
17	K1943-17		1	5.05	50	2.00	5.22	6.96	1.74	0.26	0.18	14.26	03/19/2019	16:18
18	K1943-18		1	5.03	50	2.00	6.96	8.80	1.84	0.16	0.08	6.36	03/19/2019	16:20
19	K1943-19		1	5.03	50	2.00	0.00	1.78	1.78	0.22	0.14	11.13	03/19/2019	16:22

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