

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102243

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP73671
IODINE SOLUTION .025N 1L	W2479
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	PB119076BL		1	5.08	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	04/19/2019	13:35
2	K2199-14		1	5.05	50	2.00	1.92	3.82	1.90	0.10	0.02	1.58	04/19/2019	13:38
3	K2199-14DUP		1	5.02	50	2.00	3.82	5.70	1.88	0.12	0.04	3.19	04/19/2019	13:42
4	K2199-16		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	04/19/2019	13:45
5	K2201-02		1	5.07	50	2.00	1.86	3.74	1.88	0.12	0.04	3.16	04/19/2019	13:48
6	K2201-04		1	5.03	50	2.00	3.74	5.56	1.82	0.18	0.10	7.95	04/19/2019	13:52
7	K2201-06		1	5.09	50	2.00	5.56	7.40	1.84	0.16	0.08	6.29	04/19/2019	13:55
8	K2201-08		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	04/19/2019	13:58
9	K2201-10		1	5.07	50	2.00	1.86	3.60	1.74	0.26	0.18	14.20	04/19/2019	14:02
10	K2202-02		1	5.08	50	2.00	3.60	4.92	1.32	0.68	0.60	47.24	04/19/2019	14:05
11	K2202-04		1	5.09	50	2.00	4.92	6.68	1.76	0.24	0.16	12.57	04/19/2019	14:08
12	K2203-14		1	5.07	50	2.00	6.68	8.54	1.86	0.14	0.06	4.73	04/19/2019	14:12

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	K2203-16		1	5.06	50	2.00	0.00	1.80	1.80	0.20	0.12	9.49	04/19/2019	14:15
14	K2472-03		1	5.07	50	2.00	1.80	3.50	1.70	0.30	0.22	17.36	04/19/2019	14:18
15	K2484-02		1	5.08	50	2.00	3.50	5.20	1.70	0.30	0.22	17.32	04/19/2019	14:22
16	K2484-04		1	5.09	50	2.00	5.20	7.00	1.80	0.20	0.12	9.43	04/19/2019	14:25
17	K2484-06		1	5.07	50	2.00	7.00	8.70	1.70	0.30	0.22	17.36	04/19/2019	14:28

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