

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102796

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	PB119786BL		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	05/16/2019	13:35
2	K2637-02		1	5.02	50	2.00	1.92	3.60	1.68	0.32	0.24	19.12	05/16/2019	13:38
3	K2637-02DUP		1	5.04	50	2.00	3.60	5.30	1.70	0.30	0.22	17.46	05/16/2019	13:42
4	K2637-04		1	5.05	50	2.00	0.00	1.56	1.56	0.44	0.36	28.51	05/16/2019	13:45
5	K2644-02		1	5.00	50	2.00	1.56	3.24	1.68	0.32	0.24	19.20	05/16/2019	13:48
6	K2644-04		1	5.02	50	2.00	3.24	4.80	1.56	0.44	0.36	28.69	05/16/2019	13:52
7	K2865-04		1	5.03	50	2.00	4.80	6.50	1.70	0.30	0.22	17.50	05/16/2019	13:55
8	K2865-08		1	5.04	50	2.00	6.50	8.30	1.80	0.20	0.12	9.52	05/16/2019	13:58
9	K2865-12		1	5.02	50	2.00	0.00	1.60	1.60	0.40	0.32	25.50	05/16/2019	14:02
10	K2866-03		1	5.00	50	2.00	1.60	3.20	1.60	0.40	0.32	25.60	05/16/2019	14:05
11	K2866-06		1	5.04	50	2.00	3.20	4.66	1.46	0.54	0.46	36.51	05/16/2019	14:08
12	K2866-09		1	5.02	50	2.00	4.66	6.26	1.60	0.40	0.32	25.50	05/16/2019	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	K2870-01		1	5.03	50	2.00	6.26	7.90	1.64	0.36	0.28	22.27	05/16/2019	14:15
14	K2870-03		1	5.05	50	2.00	7.90	9.36	1.46	0.54	0.46	36.44	05/16/2019	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