

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB100808

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP70959
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	PB117066BL		1	5.06	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	02/12/2019	14:10
2	K1345-02		1	5.02	50	2.00	1.94	3.78	1.84	0.16	0.10	7.97	02/12/2019	14:12
3	K1345-02DUP		1	5.04	50	2.00	3.78	5.64	1.86	0.14	0.08	6.35	02/12/2019	14:15
4	K1458-02		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	02/12/2019	14:18
5	K1458-07		1	5.00	50	2.00	1.90	3.72	1.82	0.18	0.12	9.60	02/12/2019	14:22
6	K1458-10		1	5.02	50	2.00	3.72	4.92	1.20	0.80	0.74	58.96	02/12/2019	14:25
7	K1459-04		1	5.03	50	2.00	4.92	6.68	1.76	0.24	0.18	14.31	02/12/2019	14:28
8	K1459-08		1	5.04	50	2.00	6.68	8.58	1.90	0.10	0.04	3.17	02/12/2019	14:32
9	K1459-12		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	02/12/2019	14:35
10	K1461-04		1	5.03	50	2.00	1.90	3.82	1.92	0.08	0.02	1.59	02/12/2019	14:38
11	K1461-08		1	5.00	50	2.00	3.82	5.50	1.68	0.32	0.26	20.80	02/12/2019	14:42
12	K1462-04		1	5.03	50	2.00	5.50	7.40	1.90	0.10	0.04	3.18	02/12/2019	14:45

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	K1462-08		1	5.01	50	2.00	7.40	9.28	1.88	0.12	0.06	4.79	02/12/2019	14:48
14	K1462-12		1	5.05	50	2.00	0.00	1.70	1.70	0.30	0.24	19.01	02/12/2019	14:52
15	K1462-16		1	5.03	50	2.00	1.70	3.30	1.60	0.40	0.34	27.04	02/12/2019	14:55
16	K1462-20		1	5.02	50	2.00	3.30	4.84	1.54	0.46	0.40	31.87	02/12/2019	14:58
17	K1462-24		1	5.04	50	2.00	4.84	6.66	1.82	0.18	0.12	9.52	02/12/2019	15:02

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