

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB100897

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	PB117199BL		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	02/19/2019	12:32
2	K1518-02		1	5.02	50	2.00	1.90	3.72	1.82	0.18	0.08	6.37	02/19/2019	12:35
3	K1518-02DUP		1	5.04	50	2.00	3.72	5.52	1.80	0.20	0.10	7.94	02/19/2019	12:38
4	K1518-04		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	02/19/2019	12:42
5	K1518-06		1	5.02	50	2.00	1.90	3.70	1.80	0.20	0.10	7.97	02/19/2019	12:45
6	K1518-08		1	5.03	50	2.00	3.70	5.50	1.80	0.20	0.10	7.95	02/19/2019	12:48
7	K1518-10		1	5.03	50	2.00	5.50	7.22	1.72	0.28	0.18	14.31	02/19/2019	12:52
8	K1518-12		1	5.00	50	2.00	7.22	9.10	1.88	0.12	0.02	1.60	02/19/2019	12:55
9	K1518-14		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	02/19/2019	12:58
10	K1518-16		1	5.02	50	2.00	1.84	3.60	1.76	0.24	0.14	11.16	02/19/2019	13:05
11	K1518-18		1	5.05	50	2.00	3.60	5.42	1.82	0.18	0.08	6.34	02/19/2019	13:08
12	K1518-20		1	5.01	50	2.00	0.00	1.74	1.74	0.26	0.16	12.77	02/19/2019	13:12

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	K1518-22		1	5.02	50	2.00	1.74	3.62	1.88	0.12	0.02	1.59	02/19/2019	13:15

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