

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104551

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP74519
IODINE SOLUTION .025N 1L	W2480
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	PB122206BL		1	5.01	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	08/12/2019	14:05
2	K4085-02		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.14	11.16	08/12/2019	14:08
3	K4085-02DUP		1	5.04	50	2.00	1.82	3.62	1.80	0.20	0.16	12.70	08/12/2019	14:12
4	K4085-04		1	5.05	50	2.00	3.62	5.42	1.80	0.20	0.16	12.67	08/12/2019	14:15
5	K4085-06		1	5.00	50	2.00	5.42	7.28	1.86	0.14	0.10	8.00	08/12/2019	14:18
6	K4090-06		1	5.02	50	2.00	7.28	9.18	1.90	0.10	0.06	4.78	08/12/2019	14:20
7	K4090-08		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.12	9.54	08/12/2019	14:22
8	K4095-06		1	5.04	50	2.00	1.84	3.68	1.84	0.16	0.12	9.52	08/12/2019	14:25
9	K4095-08		1	5.02	50	2.00	3.68	5.52	1.84	0.16	0.12	9.56	08/12/2019	14:28
10	K4277-02		1	5.03	50	2.00	5.52	7.40	1.88	0.12	0.08	6.36	08/12/2019	14:30
11	K4277-06		1	5.00	50	2.00	7.40	9.20	1.80	0.20	0.16	12.80	08/12/2019	14:32
12	K4277-10		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.14	11.13	08/12/2019	14:35

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	K4292-02		1	5.05	50	2.00	1.82	3.64	1.82	0.18	0.14	11.09	08/12/2019	14:38
14	K4294-03		1	5.06	50	2.00	3.64	5.56	1.92	0.08	0.04	3.16	08/12/2019	14:40
15	K4294-06		1	5.02	50	2.00	5.56	7.38	1.82	0.18	0.14	11.16	08/12/2019	14:42
16	K4294-09		1	5.01	50	2.00	7.38	9.10	1.72	0.28	0.24	19.16	08/12/2019	14:45
17	K4294-12		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.16	12.75	08/12/2019	14:48

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