

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104758

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP76826
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	PB122474BL		1	5.02	50	2.00	0.00	1.72	1.72	0.28	0.00	0.00	08/22/2019	14:30
2	K4087-03		1	5.02	50	2.00	1.72	3.42	1.70	0.30	0.02	1.59	08/22/2019	14:32
3	K4087-03DUP		1	5.04	50	2.00	3.42	5.10	1.68	0.32	0.04	3.17	08/22/2019	14:35
4	K4089-05		1	5.05	50	2.00	5.10	6.72	1.62	0.38	0.10	7.92	08/22/2019	14:38
5	K4450-07		1	5.02	50	2.00	6.72	8.38	1.66	0.34	0.06	4.78	08/22/2019	14:42
6	K4461-21		1	5.03	50	2.00	0.00	1.64	1.64	0.36	0.08	6.36	08/22/2019	14:45
7	K4461-22		1	5.03	50	2.00	0.00	1.68	1.68	0.32	0.04	3.18	08/22/2019	14:48
8	K4461-23		1	5.04	50	2.00	1.68	3.40	1.72	0.28	0.00	0.00	08/22/2019	14:52
9	K4461-24		1	5.02	50	2.00	3.40	5.10	1.70	0.30	0.02	1.59	08/22/2019	14:55
10	K4461-25		1	5.03	50	2.00	5.10	6.78	1.68	0.32	0.04	3.18	08/22/2019	14:58
11	K4461-26		1	5.00	50	2.00	6.78	8.44	1.66	0.34	0.06	4.80	08/22/2019	15:02
12	K4461-27		1	5.03	50	2.00	0.00	1.70	1.70	0.30	0.02	1.59	08/22/2019	15:05

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	K4461-28		1	5.05	50	2.00	1.70	3.38	1.68	0.32	0.04	3.17	08/22/2019	15:08
14	K4461-29		1	5.06	50	2.00	3.38	5.04	1.66	0.34	0.06	4.74	08/22/2019	15:12
15	K4461-30		1	5.05	50	2.00	5.04	6.64	1.60	0.40	0.12	9.50	08/22/2019	15:15
16	K4462-05		1	5.02	50	2.00	6.64	8.26	1.62	0.38	0.10	7.97	08/22/2019	15:18
17	K4462-06		1	5.03	50	2.00	0.00	1.60	1.60	0.40	0.12	9.54	08/22/2019	15:22

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