

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104455

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	PB122015BL		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	08/06/2019	13:20
2	K4090-02		1	5.02	50	2.00	1.86	3.68	1.82	0.18	0.04	3.19	08/06/2019	13:22
3	K4090-02DUP		1	5.04	50	2.00	3.68	5.52	1.84	0.16	0.02	1.59	08/06/2019	13:25
4	K4090-04		1	5.05	50	2.00	5.52	7.32	1.80	0.20	0.06	4.75	08/06/2019	13:28
5	K4095-02		1	5.00	50	2.00	0.00	1.78	1.78	0.22	0.08	6.40	08/06/2019	13:32
6	K4095-04		1	5.02	50	2.00	1.78	3.58	1.80	0.20	0.06	4.78	08/06/2019	13:35
7	K4153-03		1	5.03	50	2.00	3.58	5.40	1.82	0.18	0.04	3.18	08/06/2019	13:38
8	K4155-01		1	5.04	50	2.00	5.40	7.16	1.76	0.24	0.10	7.94	08/06/2019	13:42
9	K4156-03		1	5.02	50	2.00	7.16	8.94	1.78	0.22	0.08	6.37	08/06/2019	13:45
10	K4156-06		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.04	3.18	08/06/2019	13:48
11	K4156-09		1	5.00	50	2.00	1.82	3.66	1.84	0.16	0.02	1.60	08/06/2019	13:52
12	K4156-12		1	5.03	50	2.00	3.66	5.44	1.78	0.22	0.08	6.36	08/06/2019	13:55

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	K4156-15		1	5.02	50	2.00	5.44	7.20	1.76	0.24	0.10	7.97	08/06/2019	13:58
14	K4162-03		1	5.04	50	2.00	7.20	8.94	1.74	0.26	0.12	9.52	08/06/2019	14:02
15	K4162-06		1	5.01	50	2.00	0.00	1.80	1.80	0.20	0.06	4.79	08/06/2019	14:05
16	K4164-03		1	5.04	50	2.00	1.80	3.56	1.76	0.24	0.10	7.94	08/06/2019	14:08
17	K4164-06		1	5.02	50	2.00	3.56	5.34	1.78	0.22	0.08	6.37	08/06/2019	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