

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109802

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP84605
IODINE SOLUTION .025N 1L	W2669
Starch Solution, 4L	W2703

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	PB129868BL		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	06/30/2020	17:05
2	L3153-02		1	5.05	50	2.00	1.90	3.74	1.84	0.16	0.06	4.75	06/30/2020	17:08
3	L3153-02DUP		1	5.04	50	2.00	3.74	5.60	1.86	0.14	0.04	3.17	06/30/2020	17:10
4	L3153-05		1	5.05	50	2.00	5.60	7.42	1.82	0.18	0.08	6.34	06/30/2020	17:12
5	L3153-08		1	5.02	50	2.00	7.42	9.28	1.86	0.14	0.04	3.19	06/30/2020	17:15
6	L3153-11		1	5.03	50	2.00	0.00	1.76	1.76	0.24	0.14	11.13	06/30/2020	17:18
7	L3153-14		1	5.06	50	2.00	1.76	3.62	1.86	0.14	0.04	3.16	06/30/2020	17:20
8	L3153-17		1	5.04	50	2.00	3.62	5.40	1.78	0.22	0.12	9.52	06/30/2020	17:22
9	L3153-20		1	5.02	50	2.00	5.40	7.20	1.80	0.20	0.10	7.97	06/30/2020	17:25
10	L3153-23		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	06/30/2020	17:28
11	L3153-26		1	5.02	50	2.00	1.88	3.74	1.86	0.14	0.04	3.19	06/30/2020	17:30
12	L3153-29		1	5.03	50	2.00	3.74	5.50	1.76	0.24	0.14	11.13	06/30/2020	17:32

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

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109802

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP84605
IODINE SOLUTION .025N 1L	W2669
Starch Solution, 4L	W2703

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
13	L3153-32		1	5.04	50	2.00	5.50	7.22	1.72	0.28	0.18	14.29	06/30/2020	17:35
14	L3153-35		1	5.05	50	2.00	0.00	1.78	1.78	0.22	0.12	9.50	06/30/2020	17:38
15	L3153-38		1	5.03	50	2.00	1.78	3.58	1.80	0.20	0.10	7.95	06/30/2020	17:40
16	L3153-41		1	5.02	50	2.00	3.58	5.28	1.70	0.30	0.20	15.94	06/30/2020	17:42
17	L3153-44		1	5.01	50	2.00	5.28	7.06	1.78	0.22	0.12	9.58	06/30/2020	17:45

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