

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB111262

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP86633
IODINE SOLUTION .025N 1L	W2670
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	PB132038BL		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	10/01/2020	14:50
2	L3863-12		1	5.05	50	2.00	1.88	3.72	1.84	0.16	0.04	3.17	10/01/2020	14:52
3	L3863-12DUP		1	5.04	50	2.00	3.72	5.58	1.86	0.14	0.02	1.59	10/01/2020	14:55
4	L3865-04		1	5.06	50	2.00	5.58	7.40	1.82	0.18	0.06	4.74	10/01/2020	14:58
5	L3865-08		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.04	3.16	10/01/2020	15:02
6	L3870-20		1	5.09	50	2.00	1.84	3.70	1.86	0.14	0.02	1.57	10/01/2020	15:05
7	L3872-16		1	5.08	50	2.00	3.70	5.52	1.82	0.18	0.06	4.72	10/01/2020	15:08
8	L4189-02		1	5.04	50	2.00	5.52	7.32	1.80	0.20	0.08	6.35	10/01/2020	15:10
9	L4194-02		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.06	4.77	10/01/2020	15:12
10	L4198-02		1	5.04	50	2.00	1.82	3.60	1.78	0.22	0.10	7.94	10/01/2020	15:15
11	L4198-05		1	5.00	50	2.00	3.60	5.40	1.80	0.20	0.08	6.40	10/01/2020	15:18
12	L4198-08		1	5.03	50	2.00	5.40	7.22	1.82	0.18	0.06	4.77	10/01/2020	15:20

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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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	L4198-11		1	5.04	50	2.00	7.22	9.00	1.78	0.22	0.10	7.94	10/01/2020	15:22
14	L4198-14		1	5.05	50	2.00	0.00	1.80	1.80	0.20	0.08	6.34	10/01/2020	15:25
15	L4198-17		1	5.03	50	2.00	1.80	3.56	1.76	0.24	0.12	9.54	10/01/2020	15:28
16	L4198-20		1	5.04	50	2.00	3.56	5.40	1.84	0.16	0.04	3.17	10/01/2020	15:30
17	L4198-23		1	5.04	50	2.00	5.40	7.22	1.82	0.18	0.06	4.76	10/01/2020	15:32
18	L4198-29		1	5.06	50	2.00	0.00	1.78	1.78	0.22	0.10	7.91	10/01/2020	15:35
19	L4198-32		1	5.04	50	2.00	1.78	3.60	1.82	0.18	0.06	4.76	10/01/2020	15:38
20	L4199-02		1	5.02	50	2.00	3.60	5.44	1.84	0.16	0.04	3.19	10/01/2020	15:40

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