

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB114896

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP90938
IODINE SOLUTION .025N 1L	W2763
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	PB136981BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	06/10/2021	14:15
2	M2638-04		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	06/10/2021	14:18
3	M2638-04DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	06/10/2021	14:22
4	M2658-02		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	06/10/2021	14:25
5	M2658-05		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	06/10/2021	14:28
6	M2658-08		1	5.06	50	2.00	1.84	3.70	1.86	0.14	0.06	4.74	06/10/2021	14:30
7	M2658-11		1	5.03	50	2.00	3.70	5.60	1.90	0.10	0.02	1.59	06/10/2021	14:32
8	M2658-14		1	5.04	50	2.00	5.60	7.46	1.86	0.14	0.06	4.76	06/10/2021	14:35
9	M2658-17		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	06/10/2021	14:38
10	M2673-04		1	5.03	50	2.00	1.86	3.70	1.84	0.16	0.08	6.36	06/10/2021	14:40
11	M2673-05		1	5.05	50	2.00	3.70	5.52	1.82	0.18	0.10	7.92	06/10/2021	14:42
12	M2673-06		1	5.03	50	2.00	5.52	7.40	1.88	0.12	0.04	3.18	06/10/2021	14:45

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

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13	M2674-07		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	06/10/2021	14:48
14	M2674-08		1	5.05	50	2.00	1.88	3.72	1.84	0.16	0.08	6.34	06/10/2021	14:50
15	M2674-09		1	5.03	50	2.00	3.72	5.58	1.86	0.14	0.06	4.77	06/10/2021	14:52
16	M2674-10		1	5.04	50	2.00	5.58	7.40	1.82	0.18	0.10	7.94	06/10/2021	14:55
17	M2674-11		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	06/10/2021	14:58
18	M2674-12		1	5.03	50	2.00	1.86	3.70	1.84	0.16	0.08	6.36	06/10/2021	15:00

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