

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB114849

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	PB136934BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	06/08/2021	14:05
2	M2625-21		1	5.02	50	2.00	1.94	3.82	1.88	0.12	0.06	4.78	06/08/2021	14:08
3	M2625-21DUP		1	5.04	50	2.00	3.82	5.72	1.90	0.10	0.04	3.17	06/08/2021	14:12
4	M2625-22		1	5.05	50	2.00	5.72	7.64	1.92	0.08	0.02	1.58	06/08/2021	14:15
5	M2625-23		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.04	3.20	06/08/2021	14:18
6	M2625-24		1	5.02	50	2.00	1.90	3.76	1.86	0.14	0.08	6.37	06/08/2021	14:22
7	M2625-25		1	5.03	50	2.00	3.76	5.60	1.84	0.16	0.10	7.95	06/08/2021	14:25
8	M2625-26		1	5.04	50	2.00	5.60	7.50	1.90	0.10	0.04	3.17	06/08/2021	14:28
9	M2625-27		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	06/08/2021	14:32
10	M2625-28		1	5.03	50	2.00	1.92	3.80	1.88	0.12	0.06	4.77	06/08/2021	14:35
11	M2625-29		1	5.05	50	2.00	3.80	5.70	1.90	0.10	0.04	3.17	06/08/2021	14:38
12	M2625-30		1	5.03	50	2.00	5.70	7.56	1.86	0.14	0.08	6.36	06/08/2021	14:40

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

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13	M2625-31		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	06/08/2021	14:42
14	M2625-32		1	5.03	50	2.00	1.88	3.72	1.84	0.16	0.10	7.95	06/08/2021	14:45
15	M2625-33		1	5.02	50	2.00	3.72	5.58	1.86	0.14	0.08	6.37	06/08/2021	14:48
16	M2625-34		1	5.04	50	2.00	5.58	7.40	1.82	0.18	0.12	9.52	06/08/2021	14:50
17	M2625-35		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.10	7.92	06/08/2021	14:52
18	M2625-36		1	5.06	50	2.00	1.84	3.70	1.86	0.14	0.08	6.32	06/08/2021	14:55
19	M2625-37		1	5.07	50	2.00	3.70	5.60	1.90	0.10	0.04	3.16	06/08/2021	14:58
20	M2625-38		1	5.05	50	2.00	5.60	7.48	1.88	0.12	0.06	4.75	06/08/2021	15:00
21	M2625-39		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	06/08/2021	15:02
22	M2625-40		1	5.05	50	2.00	1.86	3.70	1.84	0.16	0.10	7.92	06/08/2021	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