

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB115861

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

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
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	PB138443BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	08/14/2021	13:40
2	M3389-02		1	5.05	50	2.00	1.92	3.80	1.88	0.12	0.04	3.17	08/14/2021	13:42
3	M3389-02DUP		1	5.03	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	08/14/2021	13:45
4	M3389-07		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	08/14/2021	13:48
5	M3389-12		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	08/14/2021	13:50
6	M3407-03		1	5.03	50	2.00	1.84	3.70	1.86	0.14	0.06	4.77	08/14/2021	13:52
7	M3407-06		1	5.06	50	2.00	3.70	5.52	1.82	0.18	0.10	7.91	08/14/2021	13:55
8	M3407-09		1	5.04	50	2.00	5.52	7.40	1.88	0.12	0.04	3.17	08/14/2021	13:58
9	M3407-12		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	08/14/2021	14:02
10	M3407-15		1	5.07	50	2.00	1.86	3.70	1.84	0.16	0.08	6.31	08/14/2021	14:05
11	M3407-18		1	5.05	50	2.00	3.70	5.50	1.80	0.20	0.12	9.50	08/14/2021	14:08
12	M3407-21		1	5.06	50	2.00	5.50	7.34	1.84	0.16	0.08	6.32	08/14/2021	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

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13	M3407-24		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.04	3.15	08/14/2021	14:15
14	M3407-27		1	5.09	50	2.00	1.88	3.70	1.82	0.18	0.10	7.86	08/14/2021	14:18
15	M3407-30		1	5.07	50	2.00	3.70	5.56	1.86	0.14	0.06	4.73	08/14/2021	14:20
16	M3408-03		1	5.05	50	2.00	5.56	7.40	1.84	0.16	0.08	6.34	08/14/2021	14:22
17	M3408-06		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	08/14/2021	14:25
18	M3408-09		1	5.04	50	2.00	1.90	3.78	1.88	0.12	0.04	3.17	08/14/2021	14:28
19	M3408-12		1	5.08	50	2.00	3.78	5.60	1.82	0.18	0.10	7.87	08/14/2021	14:30
20	M3408-15		1	5.06	50	2.00	5.60	7.44	1.84	0.16	0.08	6.32	08/14/2021	14:32

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