

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB116416

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	W2864
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	PB139139BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	09/21/2021	14:40
2	M3730-05		1	5.05	50	2.00	1.90	3.76	1.86	0.14	0.04	3.17	09/21/2021	14:42
3	M3730-05DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	09/21/2021	14:45
4	M3762-02		1	5.05	50	2.00	5.64	7.48	1.84	0.16	0.06	4.75	09/21/2021	14:48
5	M3772-02		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.08	6.35	09/21/2021	14:50
6	M3772-04		1	5.06	50	2.00	1.82	3.68	1.86	0.14	0.04	3.16	09/21/2021	14:52
7	M3786-02		1	5.03	50	2.00	3.68	5.52	1.84	0.16	0.06	4.77	09/21/2021	14:55
8	M3786-04		1	5.02	50	2.00	5.52	7.34	1.82	0.18	0.08	6.37	09/21/2021	14:58
9	M3786-06		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	09/21/2021	15:00
10	M3822-01		1	5.04	50	2.00	1.84	3.70	1.86	0.14	0.04	3.17	09/21/2021	15:03
11	M3822-03		1	5.05	50	2.00	3.70	5.50	1.80	0.20	0.10	7.92	09/21/2021	15:05
12	M3822-05		1	5.03	50	2.00	5.50	7.32	1.82	0.18	0.08	6.36	09/21/2021	15:08

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	M3822-07		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.04	3.16	09/21/2021	15:10
14	M3822-09		1	5.09	50	2.00	1.86	3.70	1.84	0.16	0.06	4.72	09/21/2021	15:12
15	M3822-11		1	5.08	50	2.00	3.70	5.50	1.80	0.20	0.10	7.87	09/21/2021	15:15
16	M3823-02		1	5.07	50	2.00	5.50	7.34	1.84	0.16	0.06	4.73	09/21/2021	15:18
17	M3823-04		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	09/21/2021	15:20
18	M3824-02		1	5.08	50	2.00	1.88	3.70	1.82	0.18	0.08	6.30	09/21/2021	15:22
19	M3824-05		1	5.05	50	2.00	3.70	5.50	1.80	0.20	0.10	7.92	09/21/2021	15:25
20	M3832-02		1	5.06	50	2.00	5.50	7.36	1.86	0.14	0.04	3.16	09/21/2021	15:28

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