

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB116894

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	PB139988BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	10/18/2021	13:32
2	M4195-02		1	5.05	50	2.00	1.92	3.80	1.88	0.12	0.04	3.17	10/18/2021	13:35
3	M4195-02DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	10/18/2021	13:38
4	M4202-01		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	10/18/2021	13:40
5	M4221-02		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	10/18/2021	13:42
6	M4222-02		1	5.06	50	2.00	1.84	3.70	1.86	0.14	0.06	4.74	10/18/2021	13:45
7	M4224-01		1	5.03	50	2.00	3.70	5.52	1.82	0.18	0.10	7.95	10/18/2021	13:48
8	M4249-02		1	5.04	50	2.00	5.52	7.40	1.88	0.12	0.04	3.17	10/18/2021	13:50
9	M4249-05		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	10/18/2021	13:52
10	M4249-08		1	5.03	50	2.00	1.82	3.66	1.84	0.16	0.08	6.36	10/18/2021	13:55
11	M4249-11		1	5.05	50	2.00	3.66	5.50	1.84	0.16	0.08	6.34	10/18/2021	13:58
12	M4252-02		1	5.03	50	2.00	5.50	7.30	1.80	0.20	0.12	9.54	10/18/2021	14:00

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

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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	M4252-05		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	10/18/2021	14:02
14	M4252-08		1	5.06	50	2.00	1.84	3.70	1.86	0.14	0.06	4.74	10/18/2021	14:05
15	M4252-11		1	5.03	50	2.00	3.70	5.56	1.86	0.14	0.06	4.77	10/18/2021	14:08
16	M4259-02		1	5.04	50	2.00	5.56	7.40	1.84	0.16	0.08	6.35	10/18/2021	14:12
17	M4259-05		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	10/18/2021	14:15
18	M4259-08		1	5.07	50	2.00	1.88	3.74	1.86	0.14	0.06	4.73	10/18/2021	14:18
19	M4259-11		1	5.09	50	2.00	3.74	5.58	1.84	0.16	0.08	6.29	10/18/2021	14:20
20	M4260-02		1	5.08	50	2.00	5.58	7.40	1.82	0.18	0.10	7.87	10/18/2021	14:22
21	M4260-05		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	10/18/2021	14:25

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