

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB116489

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	PB139343BL		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	09/24/2021	13:05
2	M3860-02		1	5.05	50	2.00	1.88	3.72	1.84	0.16	0.04	3.17	09/24/2021	13:08
3	M3860-02DUP		1	5.07	50	2.00	3.72	5.58	1.86	0.14	0.02	1.58	09/24/2021	13:10
4	M3870-02		1	5.08	50	2.00	5.58	7.40	1.82	0.18	0.06	4.72	09/24/2021	13:12
5	M3872-02		1	5.06	50	2.00	7.40	9.20	1.80	0.20	0.08	6.32	09/24/2021	13:15
6	M3903-01		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.04	3.17	09/24/2021	13:18
7	M3903-03		1	5.07	50	2.00	1.84	3.70	1.86	0.14	0.02	1.58	09/24/2021	13:20
8	M3903-05		1	5.08	50	2.00	3.70	5.52	1.82	0.18	0.06	4.72	09/24/2021	13:22
9	M3903-07		1	5.06	50	2.00	5.52	7.32	1.80	0.20	0.08	6.32	09/24/2021	13:25
10	M3904-02		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.06	4.73	09/24/2021	13:28
11	M3906-01		1	5.06	50	2.00	1.82	3.68	1.86	0.14	0.02	1.58	09/24/2021	13:30
12	M3910-01		1	5.09	50	2.00	3.68	5.50	1.82	0.18	0.06	4.72	09/24/2021	13:32

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

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13	M3910-03		1	5.08	50	2.00	5.50	7.30	1.80	0.20	0.08	6.30	09/24/2021	13:35
14	M3914-01		1	5.04	50	2.00	0.00	1.78	1.78	0.22	0.10	7.94	09/24/2021	13:38
15	M3914-03		1	5.06	50	2.00	1.78	3.60	1.82	0.18	0.06	4.74	09/24/2021	13:40

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