

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB116950

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	PB140092BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	10/21/2021	17:40
2	M4290-02		1	5.05	50	2.00	1.92	3.80	1.88	0.12	0.04	3.17	10/21/2021	17:42
3	M4290-02DUP		1	5.07	50	2.00	3.80	5.66	1.86	0.14	0.06	4.73	10/21/2021	17:45
4	M4290-05		1	5.06	50	2.00	5.66	7.50	1.84	0.16	0.08	6.32	10/21/2021	17:48
5	M4290-08		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	10/21/2021	17:50
6	M4290-11		1	5.03	50	2.00	1.84	3.70	1.86	0.14	0.06	4.77	10/21/2021	17:52
7	M4290-14		1	5.07	50	2.00	3.70	5.52	1.82	0.18	0.10	7.89	10/21/2021	17:55
8	M4294-02		1	5.09	50	2.00	5.52	7.40	1.88	0.12	0.04	3.14	10/21/2021	17:58
9	M4294-05		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.10	7.89	10/21/2021	18:00
10	M4294-08		1	5.06	50	2.00	1.82	3.66	1.84	0.16	0.08	6.32	10/21/2021	18:02
11	M4294-11		1	5.05	50	2.00	3.66	5.52	1.86	0.14	0.06	4.75	10/21/2021	18:05
12	M4294-14		1	5.07	50	2.00	5.52	7.40	1.88	0.12	0.04	3.16	10/21/2021	18:08

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	M4300-02		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	10/21/2021	18:10
14	M4300-05		1	5.09	50	2.00	1.86	3.70	1.84	0.16	0.08	6.29	10/21/2021	18:12
15	M4300-08		1	5.07	50	2.00	3.70	5.52	1.82	0.18	0.10	7.89	10/21/2021	18:15
16	M4300-11		1	5.06	50	2.00	5.52	7.40	1.88	0.12	0.04	3.16	10/21/2021	18:18

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