

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB115916

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	PB138459BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	08/18/2021	14:05
2	M3428-03		1	5.05	50	2.00	1.90	3.76	1.86	0.14	0.04	3.17	08/18/2021	14:08
3	M3428-03DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	08/18/2021	14:10
4	M3428-06		1	5.03	50	2.00	5.64	7.48	1.84	0.16	0.06	4.77	08/18/2021	14:12
5	M3428-09		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.04	3.17	08/18/2021	14:15
6	M3428-12		1	5.02	50	2.00	1.86	3.70	1.84	0.16	0.06	4.78	08/18/2021	14:18
7	M3428-15		1	5.03	50	2.00	3.70	5.50	1.80	0.20	0.10	7.95	08/18/2021	14:20
8	M3428-18		1	5.04	50	2.00	5.50	7.32	1.82	0.18	0.08	6.35	08/18/2021	14:22
9	M3441-01		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	08/18/2021	14:25
10	M3441-04		1	5.04	50	2.00	1.88	3.72	1.84	0.16	0.06	4.76	08/18/2021	14:28
11	M3449-02		1	5.06	50	2.00	3.72	5.58	1.86	0.14	0.04	3.16	08/18/2021	14:30
12	M3449-05		1	5.09	50	2.00	5.58	7.40	1.82	0.18	0.08	6.29	08/18/2021	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

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13	M3449-08		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.06	4.73	08/18/2021	14:35
14	M3449-11		1	5.08	50	2.00	1.84	3.70	1.86	0.14	0.04	3.15	08/18/2021	14:38
15	M3449-14		1	5.04	50	2.00	3.70	5.56	1.86	0.14	0.04	3.17	08/18/2021	14:40
16	M3449-17		1	5.06	50	2.00	5.56	7.40	1.84	0.16	0.06	4.74	08/18/2021	14:42
17	M3451-02		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.08	6.34	08/18/2021	14:45
18	M3451-05		1	5.04	50	2.00	1.82	3.68	1.86	0.14	0.04	3.17	08/18/2021	14:48

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