

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB115948

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	PB138579BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	08/19/2021	14:20
2	M3468-01		1	5.05	50	2.00	1.92	3.80	1.88	0.12	0.04	3.17	08/19/2021	14:22
3	M3468-01DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	08/19/2021	14:25
4	M3468-02		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	08/19/2021	14:28
5	M3468-03		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	08/19/2021	14:30
6	M3468-04		1	5.09	50	2.00	1.84	3.70	1.86	0.14	0.06	4.72	08/19/2021	14:32
7	M3468-05		1	5.06	50	2.00	3.70	5.52	1.82	0.18	0.10	7.91	08/19/2021	14:35
8	M3468-06		1	5.04	50	2.00	5.52	7.34	1.82	0.18	0.10	7.94	08/19/2021	14:38
9	M3468-07		1	5.03	50	2.00	7.34	9.18	1.84	0.16	0.08	6.36	08/19/2021	14:40
10	M3468-08		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	08/19/2021	14:42
11	M3468-09		1	5.07	50	2.00	1.88	3.74	1.86	0.14	0.06	4.73	08/19/2021	14:45
12	M3468-10		1	5.09	50	2.00	3.74	5.54	1.80	0.20	0.12	9.43	08/19/2021	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

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13	M3468-11		1	5.06	50	2.00	5.54	7.38	1.84	0.16	0.08	6.32	08/19/2021	14:50

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