

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB115863

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	PB138444BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	08/14/2021	18:40
2	M3424-03		1	5.05	50	2.00	1.94	3.84	1.90	0.10	0.04	3.17	08/14/2021	18:42
3	M3424-03DUP		1	5.02	50	2.00	3.84	5.76	1.92	0.08	0.02	1.59	08/14/2021	18:45
4	M3424-06		1	5.03	50	2.00	5.76	7.60	1.84	0.16	0.10	7.95	08/14/2021	18:48
5	M3424-09		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	08/14/2021	18:50
6	M3424-12		1	5.09	50	2.00	1.88	3.72	1.84	0.16	0.10	7.86	08/14/2021	18:52
7	M3424-15		1	5.07	50	2.00	3.72	5.58	1.86	0.14	0.08	6.31	08/14/2021	18:55
8	M3425-03		1	5.08	50	2.00	5.58	7.40	1.82	0.18	0.12	9.45	08/14/2021	18:58
9	M3425-06		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	08/14/2021	19:00
10	M3425-09		1	5.06	50	2.00	1.90	3.78	1.88	0.12	0.06	4.74	08/14/2021	19:02
11	M3425-12		1	5.04	50	2.00	3.78	5.64	1.86	0.14	0.08	6.35	08/14/2021	19:05
12	M3425-15		1	5.03	50	2.00	5.64	7.48	1.84	0.16	0.10	7.95	08/14/2021	19:08

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	M3425-18		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.06	4.73	08/14/2021	19:10
14	M3425-21		1	5.05	50	2.00	1.88	3.72	1.84	0.16	0.10	7.92	08/14/2021	19:12
15	M3429-01		1	5.06	50	2.00	3.72	5.58	1.86	0.14	0.08	6.32	08/14/2021	19:15
16	M3429-04		1	5.04	50	2.00	5.58	7.44	1.86	0.14	0.08	6.35	08/14/2021	19:18
17	M3429-07		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.06	4.72	08/14/2021	19:20

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