

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB113993

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP90315
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	PB135756BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	04/15/2021	15:40
2	M2028-01		1	5.02	50	2.00	1.90	3.76	1.86	0.14	0.04	3.19	04/15/2021	15:42
3	M2028-01DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	04/15/2021	15:45
4	M2028-03		1	5.05	50	2.00	5.64	7.50	1.86	0.14	0.04	3.17	04/15/2021	15:48
5	M2028-05		1	5.00	50	2.00	0.00	1.84	1.84	0.16	0.06	4.80	04/15/2021	15:50
6	M2028-07		1	5.02	50	2.00	1.84	3.70	1.86	0.14	0.04	3.19	04/15/2021	15:52
7	M2030-04		1	5.03	50	2.00	3.70	5.50	1.80	0.20	0.10	7.95	04/15/2021	15:55
8	M2048-02		1	5.04	50	2.00	5.50	7.32	1.82	0.18	0.08	6.35	04/15/2021	15:58
9	M2048-05		1	5.02	50	2.00	7.32	9.20	1.88	0.12	0.02	1.59	04/15/2021	16:02
10	M2048-08		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.04	3.18	04/15/2021	16:05
11	M2048-11		1	5.00	50	2.00	1.86	3.70	1.84	0.16	0.06	4.80	04/15/2021	16:08
12	M2048-14		1	5.03	50	2.00	3.70	5.52	1.82	0.18	0.08	6.36	04/15/2021	16:12

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	M2048-17		1	5.04	50	2.00	5.52	7.36	1.84	0.16	0.06	4.76	04/15/2021	16:15
14	M2048-20		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.04	3.18	04/15/2021	16:18
15	M2049-03		1	5.05	50	2.00	1.86	3.66	1.80	0.20	0.10	7.92	04/15/2021	16:20
16	M2049-07		1	5.03	50	2.00	3.66	5.50	1.84	0.16	0.06	4.77	04/15/2021	16:22
17	M2049-11		1	5.05	50	2.00	5.50	7.28	1.78	0.22	0.12	9.50	04/15/2021	16:25
18	M2049-14		1	5.01	50	2.00	7.28	9.10	1.82	0.18	0.08	6.39	04/15/2021	16:28
19	M2049-17		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	04/15/2021	16:30

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