

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB114008

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	PB135785BL		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	04/16/2021	14:35
2	M2025-08		1	5.02	50	2.00	1.88	3.70	1.82	0.18	0.06	4.78	04/16/2021	14:38
3	M2025-08DUP		1	5.04	50	2.00	3.70	5.54	1.84	0.16	0.04	3.17	04/16/2021	14:40
4	M2025-10		1	5.05	50	2.00	5.54	7.40	1.86	0.14	0.02	1.58	04/16/2021	14:42
5	M2043-01		1	5.00	50	2.00	0.00	1.84	1.84	0.16	0.04	3.20	04/16/2021	14:45
6	M2046-03		1	5.02	50	2.00	1.84	3.70	1.86	0.14	0.02	1.59	04/16/2021	14:48
7	M2046-04		1	5.03	50	2.00	3.70	5.50	1.80	0.20	0.08	6.36	04/16/2021	14:52
8	M2050-01		1	5.04	50	2.00	5.50	7.32	1.82	0.18	0.06	4.76	04/16/2021	14:55
9	M2050-03		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.02	1.59	04/16/2021	14:58
10	M2050-05		1	5.03	50	2.00	1.86	3.64	1.78	0.22	0.10	7.95	04/16/2021	15:02
11	M2050-07		1	5.00	50	2.00	3.64	5.50	1.86	0.14	0.02	1.60	04/16/2021	15:05
12	M2050-09		1	5.05	50	2.00	5.50	7.32	1.82	0.18	0.06	4.75	04/16/2021	15:08

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	M2050-11		1	5.03	50	2.00	7.32	9.18	1.86	0.14	0.02	1.59	04/16/2021	15:12
14	M2050-13		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.06	4.75	04/16/2021	15:15
15	M2050-15		1	5.03	50	2.00	1.82	3.66	1.84	0.16	0.04	3.18	04/16/2021	15:18
16	M2050-17		1	5.02	50	2.00	3.66	5.48	1.82	0.18	0.06	4.78	04/16/2021	15:20

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