

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB114096

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	PB135898BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	04/21/2021	14:45
2	M2095-02		1	5.02	50	2.00	1.90	3.76	1.86	0.14	0.04	3.19	04/21/2021	14:48
3	M2095-02DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	04/21/2021	14:52
4	M2106-02		1	5.05	50	2.00	5.64	7.48	1.84	0.16	0.06	4.75	04/21/2021	14:55
5	M2106-05		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.04	3.20	04/21/2021	14:58
6	M2106-08		1	5.02	50	2.00	1.86	3.70	1.84	0.16	0.06	4.78	04/21/2021	15:02
7	M2106-11		1	5.03	50	2.00	3.70	5.50	1.80	0.20	0.10	7.95	04/21/2021	15:05
8	M2106-14		1	5.04	50	2.00	5.50	7.32	1.82	0.18	0.08	6.35	04/21/2021	15:08
9	M2106-17		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.06	4.78	04/21/2021	15:12
10	M2106-20		1	5.03	50	2.00	1.84	3.64	1.80	0.20	0.10	7.95	04/21/2021	15:15
11	M2107-02		1	5.00	50	2.00	3.64	5.50	1.86	0.14	0.04	3.20	04/21/2021	15:18
12	M2107-05		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.08	6.36	04/21/2021	15:22

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	M2107-09		1	5.01	50	2.00	1.82	3.68	1.86	0.14	0.04	3.19	04/21/2021	15:25
14	M2107-12		1	5.02	50	2.00	3.68	5.50	1.82	0.18	0.08	6.37	04/21/2021	15:28
15	M2107-15		1	5.05	50	2.00	5.50	7.28	1.78	0.22	0.12	9.50	04/21/2021	15:30
16	M2107-18		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	04/21/2021	15:32
17	M2107-21		1	5.02	50	2.00	1.86	3.66	1.80	0.20	0.10	7.97	04/21/2021	15:35

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