

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB113583

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP88904
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	PB135229BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	03/18/2021	14:05
2	M1682-02		1	5.02	50	2.00	1.94	3.84	1.90	0.10	0.04	3.19	03/18/2021	14:08
3	M1682-02DUP		1	5.04	50	2.00	3.84	5.76	1.92	0.08	0.02	1.59	03/18/2021	14:12
4	M1706-02		1	5.05	50	2.00	5.76	7.70	1.94	0.06	0.00	0.00	03/18/2021	14:15
5	M1707-03		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	03/18/2021	14:18
6	M1707-06		1	5.03	50	2.00	1.92	3.82	1.90	0.10	0.04	3.18	03/18/2021	14:22
7	M1707-09		1	5.06	50	2.00	3.82	5.74	1.92	0.08	0.02	1.58	03/18/2021	14:25
8	M1709-02		1	5.04	50	2.00	5.74	7.64	1.90	0.10	0.04	3.17	03/18/2021	14:28
9	M1712-01		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	03/18/2021	14:30
10	M1712-03		1	5.03	50	2.00	1.90	3.78	1.88	0.12	0.06	4.77	03/18/2021	14:32
11	M1712-05		1	5.02	50	2.00	3.78	5.70	1.92	0.08	0.02	1.59	03/18/2021	14:35
12	M1712-07		1	5.03	50	2.00	5.70	7.60	1.90	0.10	0.04	3.18	03/18/2021	14:38

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	M1712-09		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	03/18/2021	14:40
14	M1712-11		1	5.03	50	2.00	1.92	3.80	1.88	0.12	0.06	4.77	03/18/2021	14:42
15	M1712-13		1	5.02	50	2.00	3.80	5.66	1.86	0.14	0.08	6.37	03/18/2021	14:45
16	M1712-15		1	5.03	50	2.00	5.66	7.60	1.94	0.06	0.00	0.00	03/18/2021	14:48
17	M1712-18		1	5.05	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	03/18/2021	14:50
18	M1712-20		1	5.06	50	2.00	1.92	3.82	1.90	0.10	0.04	3.16	03/18/2021	14:52
19	M1712-22		1	5.04	50	2.00	3.82	5.70	1.88	0.12	0.06	4.76	03/18/2021	14:55
20	M1712-24		1	5.05	50	2.00	5.70	7.60	1.90	0.10	0.04	3.17	03/18/2021	14:58

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