

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB119138

ANALYST: Iwona
 SUPERVISOR REVIEW BY: JIGNESH
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
Starch Solution, 4L	W2766

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	PB143325BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	03/14/2022	13:50
2	N1894-06		1	5.02	50	2.00	1.94	3.82	1.88	0.12	0.06	4.78	03/14/2022	13:52
3	N1894-06DUP		1	5.01	50	2.00	3.82	5.74	1.92	0.08	0.02	1.60	03/14/2022	13:54
4	N1894-07		1	5.05	50	2.00	5.74	7.60	1.86	0.14	0.08	6.34	03/14/2022	13:56
5	N1894-08		1	5.02	50	2.00	7.60	9.52	1.92	0.08	0.02	1.59	03/14/2022	13:58
6	N1894-09		1	5.01	50	2.00	9.52	11.40	1.88	0.12	0.06	4.79	03/14/2022	14:00
7	N1894-10		1	5.03	50	2.00	11.40	13.30	1.90	0.10	0.04	3.18	03/14/2022	14:03
8	N1905-12		1	5.06	50	2.00	13.30	15.22	1.92	0.08	0.02	1.58	03/14/2022	14:05
9	N1905-14		1	5.04	50	2.00	15.22	17.12	1.90	0.10	0.04	3.17	03/14/2022	14:07
10	N1905-16		1	5.02	50	2.00	17.12	19.00	1.88	0.12	0.06	4.78	03/14/2022	14:10
11	N1905-18		1	5.03	50	2.00	19.00	20.86	1.86	0.14	0.08	6.36	03/14/2022	14:12
12	N1905-20		1	5.01	50	2.00	20.86	22.78	1.92	0.08	0.02	1.60	03/14/2022	14:14

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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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
13	N1908-02		1	5.02	50	2.00	22.78	24.68	1.90	0.10	0.04	3.19	03/14/2022	14:16
14	N1908-04		1	5.04	50	2.00	24.68	26.58	1.90	0.10	0.04	3.17	03/14/2022	14:18
15	N1908-06		1	5.06	50	2.00	26.58	28.46	1.88	0.12	0.06	4.74	03/14/2022	14:20
16	N1908-08		1	5.01	50	2.00	28.46	30.32	1.86	0.14	0.08	6.39	03/14/2022	14:22
17	N1908-10		1	5.03	50	2.00	30.32	32.24	1.92	0.08	0.02	1.59	03/14/2022	14:25
18	N1918-02		1	5.02	50	2.00	32.24	34.12	1.88	0.12	0.06	4.78	03/14/2022	14:27
19	N1918-05		1	5.06	50	2.00	34.12	35.98	1.86	0.14	0.08	6.32	03/14/2022	14:29
20	N1918-08		1	5.04	50	2.00	35.98	37.90	1.92	0.08	0.02	1.59	03/14/2022	14:31
21	N1918-11		1	5.02	50	2.00	37.90	39.78	1.88	0.12	0.06	4.78	03/14/2022	14:33
22	N1918-14		1	5.05	50	2.00	39.78	41.70	1.92	0.08	0.02	1.58	03/14/2022	14:35

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