

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB119227

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	PB143423BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	03/18/2022	12:00
2	N1958-16		1	5.02	50	2.00	1.94	3.82	1.88	0.12	0.06	4.78	03/18/2022	12:02
3	N1958-16DUP		1	5.06	50	2.00	3.82	5.72	1.90	0.10	0.04	3.16	03/18/2022	12:05
4	N1958-18		1	5.01	50	2.00	5.72	7.58	1.86	0.14	0.08	6.39	03/18/2022	12:07
5	N1958-19		1	5.05	50	2.00	7.58	9.50	1.92	0.08	0.02	1.58	03/18/2022	12:10
6	N1958-20		1	5.01	50	2.00	9.50	11.38	1.88	0.12	0.06	4.79	03/18/2022	12:12
7	N1958-22		1	5.09	50	2.00	11.38	13.30	1.92	0.08	0.02	1.57	03/18/2022	12:14
8	N1958-23		1	5.06	50	2.00	13.30	15.18	1.88	0.12	0.06	4.74	03/18/2022	12:17
9	N1958-24		1	5.03	50	2.00	15.18	17.06	1.88	0.12	0.06	4.77	03/18/2022	12:20
10	N1958-25		1	5.04	50	2.00	17.06	18.98	1.92	0.08	0.02	1.59	03/18/2022	12:22
11	N1962-05		1	5.07	50	2.00	18.98	20.88	1.90	0.10	0.04	3.16	03/18/2022	12:25
12	N1962-06		1	5.02	50	2.00	20.88	22.74	1.86	0.14	0.08	6.37	03/18/2022	12:28

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	N1962-11		1	5.08	50	2.00	22.74	24.66	1.92	0.08	0.02	1.57	03/18/2022	12:30
14	N1962-12		1	5.06	50	2.00	24.66	26.54	1.88	0.12	0.06	4.74	03/18/2022	12:32
15	N1962-13		1	5.04	50	2.00	26.54	28.40	1.86	0.14	0.08	6.35	03/18/2022	12:35
16	N1962-14		1	5.02	50	2.00	28.40	30.32	1.92	0.08	0.02	1.59	03/18/2022	12:37
17	N1962-15		1	5.08	50	2.00	30.32	32.20	1.88	0.12	0.06	4.72	03/18/2022	12:40
18	N1962-16		1	5.03	50	2.00	32.20	34.06	1.86	0.14	0.08	6.36	03/18/2022	12:42
19	N1962-20		1	5.01	50	2.00	34.06	35.96	1.90	0.10	0.04	3.19	03/18/2022	12:45
20	N1985-02		1	5.06	50	2.00	35.96	37.86	1.90	0.10	0.04	3.16	03/18/2022	12:48
21	N1985-05		1	5.04	50	2.00	37.86	39.74	1.88	0.12	0.06	4.76	03/18/2022	12:50

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