

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB121441

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	W2924
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	PB146915BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	08/10/2022	14:40
2	N4093-02		1	5.09	50	2.00	1.90	3.76	1.86	0.14	0.04	3.14	08/10/2022	14:42
3	N4093-02DUP		1	5.07	50	2.00	3.76	5.64	1.88	0.12	0.02	1.58	08/10/2022	14:45
4	N4093-04		1	5.06	50	2.00	5.64	7.48	1.84	0.16	0.06	4.74	08/10/2022	14:48
5	N4093-06		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	08/10/2022	14:50
6	N4093-08		1	5.07	50	2.00	1.88	3.74	1.86	0.14	0.04	3.16	08/10/2022	14:52
7	N4107-06		1	5.09	50	2.00	3.74	5.56	1.82	0.18	0.08	6.29	08/10/2022	14:55
8	N4119-02		1	5.08	50	2.00	5.56	7.40	1.84	0.16	0.06	4.72	08/10/2022	14:58
9	N4119-05		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.04	3.16	08/10/2022	15:00
10	N4120-07		1	5.04	50	2.00	1.86	3.70	1.84	0.16	0.06	4.76	08/10/2022	15:02
11	N4130-02		1	5.07	50	2.00	3.70	5.50	1.80	0.20	0.10	7.89	08/10/2022	15:05
12	N4130-04		1	5.09	50	2.00	5.50	7.32	1.82	0.18	0.08	6.29	08/10/2022	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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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	N4130-06		1	5.08	50	2.00	0.00	1.84	1.84	0.16	0.06	4.72	08/10/2022	15:10
14	N4130-08		1	5.05	50	2.00	1.84	3.70	1.86	0.14	0.04	3.17	08/10/2022	15:12
15	N4130-10		1	5.07	50	2.00	3.70	5.58	1.88	0.12	0.02	1.58	08/10/2022	15:15
16	N4130-12		1	5.08	50	2.00	5.58	7.42	1.84	0.16	0.06	4.72	08/10/2022	15:18
17	N4130-14		1	5.09	50	2.00	0.00	1.88	1.88	0.12	0.02	1.57	08/10/2022	15:20
18	N4130-16		1	5.07	50	2.00	1.88	3.70	1.82	0.18	0.08	6.31	08/10/2022	15:22
19	N4136-02		1	5.06	50	2.00	3.70	5.54	1.84	0.16	0.06	4.74	08/10/2022	15:25
20	N4136-04		1	5.08	50	2.00	5.54	7.40	1.86	0.14	0.04	3.15	08/10/2022	15:28

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